

HSBC HOLDINGS PLC

23 November 2016

Transaction in own shares

HSBC Holdings plc (the **Company**) announces that it has purchased the following number of its ordinary shares of US\$0.50 each on the London Stock Exchange from Goldman Sachs International (**Goldman Sachs**) as part of its buyback programme announced on 4 August 2016.

Date of purchase:	23 November 2016
Number of ordinary shares of US\$0.50 each purchased:	3,844,096
Highest price paid per share:	£6.4560
Lowest price paid per share:	£6.3280
Volume weighted average price paid per share:	£6.3816

Following the purchase of these shares, the Company holds 258,516,631 of its ordinary shares in treasury and has 19,809,380,332 ordinary shares in issue (excluding treasury shares). Therefore the total voting rights in HSBC Holdings plc is 19,809,380,332. This figure for the total number of voting rights may be used by shareholders as the denominator for the calculations by which they will determine if they are required to notify their interest in, or a change to their interest in, HSBC Holdings plc under the FCA's Disclosure Guidance and Transparency Rules.

In accordance with Article 5(1)(b) of Regulation (EU) No 596/2014 (the Market Abuse Regulation), a schedule of individual trades by Goldman Sachs is set out below.

Schedule of purchases – individual transactions

<i>Time</i>	<i>Price (p)</i>	<i>Quantity</i>
08:00:30	639.50	2,455
08:01:11	637.70	16
08:01:11	637.70	391
08:01:11	637.70	1,021
08:01:38	637.20	332
08:02:01	636.90	605
08:02:04	636.40	141
08:02:04	636.40	133
08:02:04	636.40	1,217
08:03:54	637.60	1,077
08:03:54	637.70	1
08:05:12	638.30	353
08:05:12	638.30	414
08:05:17	638.30	191
08:05:19	637.90	844
08:05:30	638.40	192
08:05:30	638.10	985
08:05:30	638.40	2,543
08:05:30	638.40	26
08:06:23	638.10	332
08:06:23	638.10	1,044
08:06:23	638.10	497
08:06:26	637.60	2,000

08:06:26	637.60	890
08:06:26	637.70	1,824
08:06:27	637.60	890
08:06:27	637.70	176
08:06:27	637.70	1,200
08:06:27	637.70	2,100
08:06:30	637.20	2,722
08:06:34	637.40	982
08:07:22	638.10	989
08:07:22	638.10	1,042
08:07:49	638.10	3,161
08:07:49	638.10	1,500
08:07:49	638.10	3,007
08:07:54	638.00	351
08:07:54	638.00	1,805
08:07:54	638.10	980
08:07:55	638.10	939
08:07:55	638.10	1,078
08:07:56	638.10	674
08:08:04	638.10	350
08:08:07	638.00	350
08:08:07	638.00	350
08:08:08	638.00	350
08:08:10	637.90	2,188
08:08:10	637.90	682
08:08:10	637.80	1,021
08:08:10	637.80	350
08:08:10	637.90	957
08:08:10	637.90	542
08:08:12	637.60	2,328
08:08:16	638.00	350
08:08:30	638.10	1,200
08:08:30	638.10	1,521
08:08:31	638.20	350
08:08:32	638.20	350
08:08:32	638.20	350
08:08:33	638.20	350
08:08:33	638.20	350
08:08:35	638.20	350
08:08:35	638.20	350
08:08:37	638.20	350
08:08:40	638.20	350
08:08:41	638.20	350
08:08:51	638.20	350
08:08:56	638.20	350
08:08:59	638.20	350
08:09:09	638.20	370
08:09:10	638.40	2,000
08:09:10	638.40	765
08:09:10	638.40	150

08:09:16	638.30	4,083
08:09:16	638.30	113
08:09:16	638.20	370
08:09:16	638.20	1,000
08:09:16	638.30	374
08:09:47	638.40	4,158
08:09:47	638.30	370
08:09:47	638.40	2,000
08:09:47	638.50	1,200
08:09:47	638.50	625
08:09:47	638.50	914
08:09:47	638.50	301
08:09:51	638.20	800
08:09:51	638.30	1,600
08:09:51	638.30	690
08:09:58	638.30	1,800
08:10:06	638.50	720
08:10:30	638.50	258
08:10:30	638.60	2,000
08:10:30	638.60	1,300
08:10:30	638.60	1,137
08:11:02	638.70	520
08:11:02	638.70	1,100
08:11:02	638.70	1,321
08:11:07	638.70	132
08:11:07	638.70	2,952
08:11:07	638.70	520
08:11:12	638.50	4,689
08:11:13	638.40	520
08:11:13	638.40	271
08:11:13	638.50	5,969
08:11:47	638.70	20
08:11:47	638.70	2,000
08:11:52	638.70	215
08:12:00	638.70	672
08:12:27	638.60	3,350
08:12:41	638.50	1,298
08:12:41	638.50	779
08:12:41	638.50	672
08:12:45	638.80	434
08:12:45	638.80	600
08:12:45	638.80	1,451
08:13:08	639.10	672
08:13:08	639.10	434
08:13:13	639.00	780
08:13:13	639.00	490
08:13:17	639.00	780
08:13:18	639.00	780
08:13:28	639.00	780
08:13:30	639.00	780

08:13:30	639.00	490
08:13:39	639.00	2,000
08:13:39	639.00	254
08:14:05	639.10	1,525
08:14:08	639.10	275
08:14:08	639.10	930
08:14:25	639.10	3,824
08:14:26	639.10	690
08:14:26	639.10	340
08:14:27	639.10	4,305
08:14:28	639.00	3,671
08:14:34	638.90	307
08:14:42	639.00	1,148
08:15:10	639.00	1,625
08:15:10	639.00	947
08:15:10	638.90	2,000
08:15:10	638.90	562
08:15:14	638.90	2,868
08:15:18	638.80	2,222
08:15:31	638.80	2,597
08:15:46	638.80	840
08:15:50	638.80	2,400
08:15:55	638.80	500
08:15:56	638.80	91
08:15:56	638.80	1,561
08:16:04	638.80	1,641
08:16:15	638.50	1,603
08:16:41	638.70	2,000
08:16:43	638.80	1,282
08:16:48	638.80	4,154
08:16:48	638.80	470
08:16:48	638.80	642
08:16:58	638.60	1,778
08:17:14	638.80	1,157
08:17:37	638.70	758
08:17:37	638.70	2,000
08:17:37	638.70	2,470
08:17:46	638.90	2,000
08:17:50	638.90	800
08:17:50	638.90	2,331
08:17:50	638.90	1,640
08:17:57	638.80	2,112
08:17:57	638.80	1,333
08:18:30	639.00	1,742
08:19:40	639.60	1,200
08:19:40	639.60	1,670
08:19:46	639.50	2,409
08:19:46	639.50	992
08:19:47	639.60	253
08:19:47	639.60	930

08:19:47	639.60	59
08:19:48	639.60	1,160
08:19:53	639.60	1,598
08:20:01	639.70	2,282
08:20:02	639.60	3,067
08:20:10	639.90	1,063
08:20:10	639.90	710
08:20:10	639.80	710
08:20:10	639.80	2,000
08:20:10	639.80	99
08:20:12	639.70	2,566
08:20:12	639.70	710
08:20:12	639.70	253
08:20:12	639.70	365
08:20:14	639.60	1,982
08:20:23	639.60	1,063
08:20:23	639.60	2,162
08:20:28	639.50	1,605
08:20:47	639.70	751
08:20:47	639.70	1,047
08:21:37	640.70	1,555
08:21:37	640.70	53
08:21:38	640.60	1,175
08:21:38	640.50	1,828
08:21:39	640.40	1,162
08:21:41	640.40	253
08:21:42	640.40	253
08:21:43	640.30	5,099
08:21:55	640.30	1,333
08:21:55	640.30	253
08:21:55	640.30	541
08:23:33	641.60	5,527
08:23:45	641.40	252
08:23:45	641.40	2,000
08:23:45	641.40	810
08:23:46	641.40	810
08:23:46	641.40	252
08:23:46	641.40	266
08:23:47	641.40	810
08:24:04	641.40	2,084
08:24:04	641.40	2,321
08:24:04	641.40	1,441
08:24:41	641.00	1,854
08:24:59	640.80	665
08:24:59	640.80	245
08:24:59	640.80	549
08:24:59	640.80	940
08:24:59	640.80	510
08:25:02	640.90	1,604
08:25:25	641.00	2,022

08:25:26	641.00	1,334
08:25:27	640.90	1,709
08:25:28	640.90	2,000
08:25:28	640.90	623
08:25:28	640.90	252
08:25:28	640.90	553
08:26:15	640.70	1,608
08:27:06	640.70	1,753
08:27:06	640.60	252
08:27:06	640.60	889
08:27:19	640.60	1,400
08:28:01	640.50	1,680
08:28:27	640.40	1,492
08:28:52	640.40	1,100
08:28:52	640.40	1,911
08:29:01	640.40	2,000
08:29:10	640.40	4,200
08:29:30	640.30	1,100
08:29:30	640.30	82
08:29:30	640.30	1,389
08:29:31	640.20	1,268
08:30:00	639.90	1,167
08:30:10	639.60	1,325
08:30:26	639.40	600
08:30:26	639.40	822
08:30:56	639.20	1,572
08:31:18	639.20	2,666
08:31:50	639.10	1,318
08:32:06	639.30	300
08:32:06	639.30	1,007
08:32:06	639.30	459
08:32:06	639.30	2,000
08:32:06	639.30	294
08:32:10	639.00	1,903
08:32:48	638.80	2,642
08:34:02	639.10	2,000
08:34:02	639.10	2,491
08:34:02	639.00	2,000
08:34:03	639.00	2,000
08:34:11	639.00	2,352
08:34:11	639.00	2,000
08:34:11	639.00	451
08:34:39	639.00	2,911
08:35:09	639.10	2,737
08:35:20	639.00	253
08:35:20	639.00	1,049
08:35:42	639.00	3,057
08:35:42	639.00	1,710
08:36:50	639.40	46
08:36:50	639.40	2,000

08:37:29	639.30	1,202
08:37:44	639.20	2,060
08:37:44	639.20	1,885
08:37:44	639.20	440
08:37:44	639.20	433
08:37:51	639.20	1,445
08:38:09	639.10	649
08:38:09	639.10	440
08:38:09	639.10	57
08:38:12	638.80	1,611
08:38:45	638.60	2,491
08:40:39	638.80	3,394
08:40:39	638.80	1,056
08:40:39	638.80	567
08:40:51	638.60	1,987
08:41:07	639.00	1,200
08:41:07	639.00	58
08:41:13	638.80	1,995
08:41:30	638.80	2,235
08:41:52	638.70	253
08:41:52	638.70	1,039
08:42:26	638.50	2,350
08:43:20	638.60	1,574
08:43:20	638.60	1,129
08:43:46	638.20	138
08:44:24	638.30	2,842
08:45:40	638.90	80
08:45:40	638.90	627
08:46:11	639.00	868
08:46:11	639.00	623
08:46:11	639.00	1,042
08:46:11	639.00	1,037
08:46:13	638.90	1,554
08:46:13	638.80	2,174
08:46:17	638.70	6
08:46:58	638.60	253
08:46:58	638.60	1,754
08:47:03	638.50	3,460
08:47:57	638.80	1,818
08:47:57	638.80	1,572
08:48:29	638.70	240
08:48:29	638.70	3,012
08:49:53	638.90	2,001
08:49:53	638.90	1,419
08:50:06	638.90	1,136
08:50:06	638.90	1,942
08:51:28	638.70	3,045
08:53:18	639.30	1,359
08:53:38	639.30	1,280
08:54:42	639.20	4,314

08:54:42	639.10	1,678
08:54:50	638.70	253
08:54:50	638.70	1,634
08:54:50	638.60	1,566
08:54:54	638.50	1
08:54:56	638.60	1,224
08:55:55	638.50	3,123
08:55:55	638.40	253
08:55:55	638.40	1,929
08:58:35	638.90	1,200
08:58:35	638.90	379
08:58:35	638.90	1,199
08:59:44	638.90	2,833
08:59:44	638.90	666
08:59:44	638.90	1,500
08:59:44	638.90	22
09:00:28	639.20	1,315
09:01:03	639.30	927
09:01:03	639.30	1,344
09:01:19	639.20	1,902
09:02:06	639.10	1,304
09:02:17	639.00	1,238
09:03:20	639.00	3,190
09:03:41	639.00	2,024
09:04:00	639.10	2,102
09:04:06	639.10	1,232
09:04:35	639.40	1,183
09:04:37	639.30	1,399
09:04:46	639.30	1,399
09:04:52	639.20	1,040
09:04:52	639.20	671
09:05:39	639.80	4,683
09:05:39	639.80	1,237
09:06:18	639.70	399
09:06:20	639.80	700
09:06:20	639.80	3,154
09:06:20	639.80	5,092
09:06:20	639.80	1,170
09:06:25	639.80	2,601
09:06:25	639.80	1,254
09:06:47	639.60	808
09:06:47	639.60	1,507
09:06:53	639.60	358
09:06:53	639.60	335
09:06:53	639.60	1,110
09:07:00	639.50	2,256
09:07:29	639.60	369
09:07:29	639.60	1,373
09:08:22	639.60	959
09:08:22	639.60	182

09:09:47	640.00	2,000
09:09:47	640.00	1,300
09:09:47	640.00	1,518
09:09:48	640.00	2,000
09:09:48	640.00	1,100
09:09:57	640.10	2,000
09:10:01	640.10	2,000
09:10:01	640.10	50
09:10:01	640.10	50
09:10:04	640.10	149
09:10:20	640.10	600
09:10:23	640.00	4,368
09:10:23	640.00	1,219
09:10:58	640.10	4,348
09:10:58	640.10	1,300
09:10:58	640.10	544
09:11:16	640.00	2,422
09:11:57	639.90	2,255
09:11:57	639.90	975
09:11:58	639.90	1,220
09:11:59	639.90	2,255
09:11:59	639.90	668
09:11:59	639.90	1,455
09:11:59	639.90	385
09:12:01	639.90	1,359
09:12:01	639.90	1,395
09:12:04	639.90	1,285
09:12:36	639.90	2,255
09:12:36	639.90	50
09:12:36	639.90	50
09:12:36	639.90	1,541
09:12:37	639.90	2,255
09:12:37	639.90	87
09:12:57	639.80	2,996
09:12:57	639.80	2,000
09:12:57	639.80	359
09:13:16	639.70	1,325
09:13:36	639.80	1,717
09:14:18	639.60	1,237
09:14:32	639.10	1,301
09:14:56	639.20	3,219
09:14:56	639.20	1,192
09:15:29	639.00	1,636
09:15:30	638.90	1,961
09:15:47	638.90	3,231
09:15:55	638.80	1,235
09:15:55	638.90	1,372
09:16:35	639.00	2,932
09:16:35	639.00	802
09:16:35	638.90	1,542

09:17:23	638.70	1,305
09:17:57	638.80	998
09:17:57	638.80	658
09:19:10	639.20	496
09:19:10	639.20	1,972
09:19:10	639.20	253
09:19:10	639.20	944
09:19:10	639.20	476
09:20:25	639.00	1,090
09:20:25	639.00	969
09:21:27	638.60	1,424
09:21:27	638.50	254
09:22:07	638.30	2,000
09:22:07	638.30	50
09:22:07	638.30	50
09:22:30	638.40	1,491
09:22:30	638.50	109
09:23:32	638.30	1,192
09:24:17	638.80	2,350
09:24:17	638.80	1,900
09:24:17	638.80	821
09:24:59	639.00	1,200
09:25:28	638.80	3,226
09:25:29	638.70	2,000
09:25:29	638.70	138
09:27:34	639.40	1,837
09:27:34	639.30	253
09:27:34	639.30	2,000
09:27:34	639.30	506
09:27:34	639.40	1,347
09:27:41	639.50	1,455
09:27:42	639.40	1,640
09:27:42	639.40	1,417
09:28:17	639.30	1,640
09:28:17	639.20	6
09:28:51	638.80	1,349
09:29:34	638.70	148
09:29:36	638.70	1,185
09:30:09	638.90	1,455
09:30:51	638.90	1,408
09:30:51	638.90	1,227
09:32:58	639.40	1,376
09:33:04	639.40	54
09:33:04	639.40	1,883
09:34:43	639.50	549
09:34:43	639.50	835
09:34:52	639.20	1,948
09:35:24	639.30	1,490
09:35:24	639.20	1,210
09:37:04	638.90	1,057

09:37:04	638.90	656
09:37:28	638.90	309
09:37:28	638.90	1,038
09:39:06	638.60	2,696
09:39:20	638.40	1,404
09:40:26	638.60	1,556
09:40:26	638.60	939
09:40:46	638.50	300
09:41:15	638.60	50
09:41:15	638.60	283
09:41:15	638.60	2,371
09:42:05	638.80	1,943
09:43:25	638.70	2,125
09:44:12	638.50	3
09:44:12	638.50	3,619
09:44:20	638.50	1,145
09:45:19	638.50	1,788
09:45:19	638.50	1,195
09:45:19	638.50	4
09:45:32	638.40	1,489
09:46:41	638.50	1,987
09:46:58	638.50	985
09:46:58	638.50	432
09:47:03	638.40	1,485
09:48:07	637.80	2,000
09:48:07	637.80	254
09:48:07	637.80	145
09:48:12	637.70	1,972
09:48:12	637.70	758
09:48:12	637.70	254
09:48:12	637.70	1,389
09:48:31	637.60	1,300
09:48:31	637.60	2,432
09:48:36	637.30	211
09:48:36	637.30	1,896
09:49:37	637.20	2,169
09:49:52	636.90	432
09:49:52	636.90	1,436
09:51:08	637.20	2,191
09:51:08	637.20	1,280
09:52:53	637.10	2,422
09:52:53	637.10	578
09:54:10	637.30	2,000
09:55:39	637.70	1,502
09:55:57	637.70	3,035
09:55:57	637.70	1,188
09:55:57	637.50	254
09:55:57	637.60	958
09:56:19	637.70	1,434
09:56:30	637.60	222

09:56:30	637.60	1,745
09:57:01	637.40	1,163
09:57:01	637.40	36
09:57:58	637.10	1,400
09:57:58	637.10	219
09:59:03	637.30	1,873
10:00:07	637.10	254
10:01:34	637.50	1,835
10:01:53	637.50	915
10:01:53	637.50	339
10:02:09	637.70	1,322
10:02:23	637.70	3,195
10:02:45	637.60	2,315
10:05:14	637.40	1,169
10:05:14	637.40	297
10:06:11	637.60	529
10:06:11	637.60	1,745
10:06:27	637.60	492
10:06:27	637.60	702
10:07:23	637.60	2,822
10:09:17	637.70	1,435
10:10:30	637.60	1,534
10:11:58	638.10	2,000
10:13:08	638.00	2,287
10:13:08	638.00	1,440
10:13:17	638.10	400
10:13:17	638.10	1,180
10:14:32	638.00	2,015
10:14:32	638.00	21
10:14:52	637.80	1,553
10:14:52	637.80	533
10:14:52	637.70	1,621
10:16:26	637.80	1,434
10:16:27	637.80	490
10:16:27	637.80	659
10:16:47	637.70	491
10:16:47	637.70	2,705
10:18:16	637.70	1,142
10:18:51	637.30	634
10:18:51	637.30	1,096
10:19:16	637.40	1,825
10:19:51	637.00	1,608
10:20:54	636.50	1,161
10:20:54	636.50	1,643
10:20:54	636.50	303
10:21:42	636.40	200
10:21:42	636.40	1,342
10:24:34	636.80	2,605
10:24:35	636.80	2,000
10:24:35	636.80	899

10:25:09	636.60	2,415
10:26:37	636.90	1,234
10:26:37	636.90	930
10:27:53	636.60	2,172
10:27:53	636.60	1,412
10:29:42	636.60	407
10:29:42	636.60	840
10:30:12	636.00	511
10:30:12	636.00	2,169
10:30:42	635.50	254
10:30:47	635.40	127
10:30:47	635.40	1,044
10:30:47	635.40	1,092
10:30:57	635.20	1,141
10:31:34	635.00	6
10:31:34	635.00	2,560
10:31:48	635.30	2,000
10:31:48	635.30	2,468
10:32:02	635.30	1,466
10:32:02	635.30	1,600
10:32:02	635.30	1,058
10:32:27	635.10	1,093
10:32:45	634.90	1,079
10:33:21	634.90	1,104
10:33:21	634.90	1,317
10:33:25	634.90	1,636
10:33:36	634.80	1,990
10:33:39	634.80	1,405
10:34:09	634.90	799
10:34:09	634.90	3,469
10:34:09	634.90	57
10:34:09	634.90	2,000
10:34:21	634.80	1,231
10:35:23	634.60	1,359
10:35:33	634.50	597
10:35:33	634.50	841
10:35:34	634.50	2,000
10:35:34	634.50	436
10:35:59	634.30	1,319
10:36:03	634.20	1,251
10:36:12	634.20	2,284
10:36:12	634.20	1,147
10:36:26	634.40	80
10:36:26	634.40	1,135
10:36:26	634.40	50
10:36:26	634.40	50
10:36:26	634.40	643
10:36:28	634.40	940
10:36:28	634.40	1,102
10:36:28	634.40	1,774

10:36:42	634.50	1,247
10:36:52	634.40	1,578
10:37:12	634.30	1,902
10:37:53	634.50	2,413
10:37:53	634.40	1,560
10:37:54	634.40	1,266
10:38:35	634.00	2,000
10:38:36	634.00	358
10:38:36	634.00	2,000
10:38:38	634.10	1,384
10:38:39	634.10	2,000
10:38:39	634.10	1,126
10:39:05	634.20	195
10:39:05	634.20	900
10:39:06	634.20	2,422
10:39:09	634.00	3,098
10:39:21	633.80	1,348
10:39:33	633.80	3,162
10:39:37	633.70	2,522
10:39:37	633.60	1,920
10:39:55	633.50	770
10:39:55	633.50	1,000
10:40:04	633.60	1,500
10:40:21	633.50	1,202
10:40:22	633.40	1,275
10:40:42	633.50	1,893
10:41:37	633.70	1,262
10:42:21	633.80	1,712
10:42:21	633.70	1,584
10:42:21	633.80	269
10:42:25	633.70	373
10:42:25	633.70	1,591
10:43:00	633.70	1,273
10:43:01	633.60	1,193
10:43:04	633.50	2,030
10:43:30	633.50	718
10:43:41	633.50	2,906
10:43:41	633.50	2,113
10:43:55	633.50	230
10:43:55	633.50	1,284
10:44:33	633.50	2,689
10:44:33	633.50	84
10:44:52	633.50	1,034
10:44:52	633.50	335
10:46:36	633.70	3,770
10:46:42	633.80	1,525
10:47:11	634.10	5,390
10:47:11	634.10	2,802
10:47:20	634.20	2,000
10:47:23	634.20	503

10:47:23	634.20	1,300
10:47:23	634.20	2,000
10:47:25	634.10	2,743
10:47:27	634.10	3,793
10:47:40	633.90	1,786
10:47:45	634.20	447
10:47:45	634.20	50
10:47:45	634.20	50
10:47:45	634.20	130
10:47:45	634.20	2,063
10:47:45	634.20	378
10:47:45	634.20	4
10:48:00	634.20	600
10:48:00	634.20	2,000
10:48:00	634.20	120
10:48:01	634.20	1,418
10:48:24	634.30	1,357
10:48:27	634.20	2,553
10:48:43	634.10	59
10:48:43	634.10	4,347
10:49:13	634.10	1,212
10:49:13	634.10	188
10:49:43	634.10	396
10:49:43	634.10	349
10:49:53	633.90	1,275
10:49:53	633.90	31
10:50:27	633.80	1,371
10:50:28	633.80	927
10:51:29	634.20	1,993
10:51:29	634.20	1,057
10:51:45	634.20	1,774
10:52:17	634.10	2,452
10:52:17	634.10	1,865
10:52:53	634.10	2,069
10:53:58	634.00	328
10:54:30	634.10	3,160
10:54:31	634.10	1,361
10:55:03	634.00	1,491
10:55:03	634.00	1,491
10:56:11	634.10	2,734
10:56:47	634.00	1,293
10:56:47	634.00	1,759
10:57:18	634.00	261
10:57:19	634.00	2,170
10:57:19	634.00	1,463
10:57:59	633.90	1,448
10:57:59	633.90	510
10:58:13	633.90	1,495
10:58:13	633.90	1,083
10:58:13	633.90	686

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10:58:42	633.90	1,348
10:58:58	633.90	1,415
10:58:58	633.90	1,083
10:58:58	633.90	183
10:59:47	633.70	2,298
10:59:47	633.70	1,371
10:59:50	633.60	1,870
10:59:51	633.50	299
10:59:51	633.50	2,602
10:59:51	633.50	1,169
10:59:51	633.50	1,751
10:59:54	633.50	1,308
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11:00:12	633.50	1,362
11:00:52	633.50	200
11:01:12	633.70	2,853
11:01:13	633.70	1,575
11:02:06	633.80	2,383
11:02:07	633.80	1,347
11:03:11	633.90	1,918
11:03:12	633.90	2,000
11:03:12	633.90	78
11:03:18	633.80	3,434
11:03:24	633.70	1,381
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11:04:13	633.80	1,198
11:04:44	633.90	1,526
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11:05:12	633.70	1,539
11:05:19	633.70	30
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11:05:24	633.60	1,616
11:05:54	633.70	1,206
11:06:06	633.70	1,387
11:06:31	633.60	1,390
11:06:58	633.60	1,147
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11:07:04	633.40	788
11:07:04	633.40	937
11:07:04	633.40	8
11:07:27	633.30	1,186
11:07:34	633.20	1,576

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11:09:46	633.00	1,485
11:09:58	633.00	2,000
11:09:58	633.00	1,257
11:10:02	633.00	3,285
11:10:07	633.00	50
11:10:07	633.00	770
11:10:07	633.00	1,947
11:10:07	633.00	2,304
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11:10:27	633.10	2,022
11:10:27	633.10	1,104
11:10:27	633.10	26
11:11:50	633.70	1,927
11:12:00	633.70	1,828
11:12:00	633.70	1,200
11:12:00	633.70	649
11:13:29	634.60	1,581
11:13:29	634.60	1,325
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11:13:32	634.40	927
11:13:33	634.40	2,000
11:13:33	634.40	478
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11:14:45	634.60	339
11:15:43	634.40	1,520
11:16:30	634.50	2,631
11:17:02	634.50	265
11:17:02	634.50	981
11:18:52	634.60	152
11:18:52	634.60	2,753
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11:21:30	633.80	2,992
11:22:54	633.90	1,555
11:22:54	633.90	1,200
11:23:40	634.30	1,078
11:23:40	634.30	146
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11:24:59	633.70	1,100
11:24:59	633.70	890
11:25:53	633.40	1,988
11:26:25	634.00	1,118
11:26:25	634.00	500
11:26:47	634.20	1,306
11:26:50	634.10	2,000
11:26:50	634.10	1,334
11:27:18	634.30	1,192
11:27:30	634.10	2,146

11:27:30	634.10	2,149
11:27:33	634.00	1,495
11:28:19	634.20	5
11:28:19	634.20	2,575
11:28:20	634.20	1,485
11:29:14	634.20	1,188
11:30:00	634.50	1,280
11:30:08	634.30	3,320
11:30:31	634.10	1,208
11:30:31	634.10	193
11:31:02	633.90	1,364
11:31:19	634.00	254
11:31:19	634.00	1,299
11:32:32	634.00	55
11:32:32	634.00	1,537
11:32:32	634.00	1,297
11:32:33	633.90	294
11:32:45	633.70	979
11:32:45	633.70	278
11:33:22	633.80	628
11:33:22	633.80	1,505
11:33:22	633.80	560
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11:34:51	633.70	471
11:35:45	633.80	369
11:35:45	633.80	2,698
11:36:09	633.70	700
11:36:59	633.60	1,894
11:37:48	633.70	600
11:37:48	633.70	600
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11:38:50	633.60	1,166
11:39:14	633.40	1,279
11:39:48	633.30	1,143
11:39:48	633.20	2,007
11:40:27	632.80	2,071
11:40:48	632.80	1,923
11:41:40	633.10	750
11:41:40	633.10	986
11:42:57	633.30	1,831
11:43:17	633.20	1,440
11:43:39	633.10	1,362
11:45:30	633.30	2,572
11:45:43	633.10	1,753
11:46:15	633.00	2,743
11:46:26	633.00	1,200
11:46:26	633.00	938
11:47:46	633.50	1,255
11:47:51	633.40	60
11:47:51	633.40	2,958

11:47:51	633.40	1,326
11:49:37	633.50	1,416
11:49:37	633.50	2,935
11:49:37	633.50	23
11:49:46	633.50	1,134
11:49:46	633.50	483
11:49:53	633.50	1,311
11:50:59	633.70	1,370
11:52:52	633.90	1,180
11:52:52	633.90	760
11:53:46	633.80	2,395
11:55:17	634.00	1,878
11:55:22	633.80	2,643
11:56:44	633.90	570
11:56:44	633.90	798
11:58:20	634.10	1,363
11:58:20	634.10	1,245
11:58:38	634.00	1,191
11:59:09	634.00	2,160
12:02:30	634.00	979
12:02:50	634.10	1,158
12:02:50	634.10	500
12:02:50	634.10	2,000
12:02:50	634.10	577
12:03:48	634.00	4,466
12:05:00	633.90	1,200
12:05:00	633.90	120
12:05:00	633.90	257
12:05:33	634.00	437
12:05:33	634.00	3,433
12:07:55	633.80	1,222
12:07:55	633.80	1,287
12:07:55	633.80	7
12:07:55	633.80	181
12:07:55	633.80	18
12:08:28	633.70	2,397
12:10:21	633.60	1,983
12:10:21	633.60	459
12:10:57	633.70	470
12:10:57	633.70	1,252
12:11:43	633.70	58
12:11:43	633.70	1,483
12:13:19	633.80	1,000
12:13:19	633.80	2,000
12:13:50	633.90	1,947
12:15:52	634.30	1,346
12:15:52	634.30	1,083
12:15:52	634.30	201
12:16:02	634.20	1,523
12:16:31	634.00	1,253

12:16:53	634.00	1,546
12:17:08	634.00	1,482
12:18:27	634.00	1,985
12:20:05	634.30	981
12:20:05	634.30	2,077
12:20:09	634.20	922
12:20:09	634.20	804
12:20:17	634.20	577
12:20:17	634.20	697
12:22:01	634.50	1,284
12:22:01	634.50	2,000
12:22:01	634.50	441
12:23:08	634.90	187
12:23:12	634.90	725
12:23:12	634.90	79
12:23:12	634.90	1,173
12:23:12	634.90	2,000
12:23:12	634.90	71
12:23:24	634.80	1,479
12:24:52	634.80	1,348
12:24:52	634.80	2,203
12:24:52	634.70	1,158
12:24:52	634.70	927
12:25:23	634.90	192
12:25:23	634.90	2,323
12:25:23	634.90	1,970
12:25:33	634.90	338
12:25:33	634.90	352
12:25:33	634.90	2,602
12:26:09	634.90	873
12:26:49	635.10	2,390
12:27:09	635.10	3,092
12:27:09	635.10	2,000
12:27:09	635.10	390
12:27:11	635.10	1,104
12:27:11	635.10	1,068
12:27:32	635.10	861
12:27:35	635.20	423
12:27:35	635.20	693
12:27:35	635.20	1,313
12:27:50	635.20	813
12:27:50	635.20	2,000
12:27:50	635.20	813
12:29:09	635.20	3,949
12:29:09	635.20	2,571
12:29:58	635.10	1,261
12:29:58	635.10	1,498
12:30:39	635.00	944
12:30:39	635.00	202
12:30:42	635.00	1,342

12:30:45	635.00	110
12:32:24	635.10	90
12:32:26	635.10	906
12:32:26	635.10	900
12:32:26	635.10	1,012
12:32:27	635.10	300
12:32:27	635.10	1,521
12:33:17	634.90	3,332
12:35:06	635.00	3,135
12:35:30	634.70	2,202
12:35:30	634.70	1,610
12:36:04	634.70	3,006
12:39:32	635.00	1,557
12:39:32	635.00	41
12:40:20	635.50	1,220
12:40:20	635.40	1,348
12:40:21	635.40	2,000
12:40:22	635.40	2,000
12:40:22	635.40	110
12:41:18	635.60	2,636
12:41:19	635.60	1,881
12:41:19	635.60	300
12:41:19	635.60	1,485
12:41:49	635.60	1,408
12:41:49	635.60	1,587
12:42:19	635.70	1,189
12:43:59	635.80	2,167
12:43:59	635.80	225
12:44:48	635.70	2,064
12:44:48	635.70	1,314
12:46:06	635.60	3,370
12:46:06	635.60	1,375
12:46:36	635.40	3,373
12:48:45	635.30	79
12:48:45	635.30	3,584
12:49:24	635.30	3,671
12:51:10	635.40	144
12:51:10	635.40	2,138
12:51:11	635.40	706
12:51:11	635.40	100
12:51:11	635.40	254
12:51:11	635.40	221
12:51:13	635.40	310
12:51:18	635.40	272
12:51:32	635.50	1,741
12:52:01	635.60	1,445
12:52:03	635.60	1,199
12:52:13	635.60	1,309
12:52:32	635.50	1,084
12:52:32	635.50	734

12:52:57	635.20	1,271
12:53:17	634.70	1,573
12:53:24	634.60	471
12:53:25	634.60	3,703
12:53:25	634.60	292
12:53:25	634.60	34
12:53:25	634.60	100
12:53:25	634.60	1,191
12:53:25	634.60	1,874
12:53:44	634.90	3,429
12:54:14	635.00	712
12:54:17	635.00	1,418
12:54:17	635.00	1,596
12:54:55	635.30	300
12:54:55	635.30	1,100
12:54:55	635.30	259
12:54:58	635.30	300
12:54:58	635.30	300
12:54:59	635.30	300
12:54:59	635.30	300
12:55:00	635.30	1,541
12:55:01	635.20	2,548
12:55:29	635.00	4,399
12:55:29	635.00	254
12:55:29	635.00	3,091
12:55:36	634.90	3,501
12:55:52	634.90	3,526
12:56:05	635.10	2,669
12:56:05	635.10	205
12:56:29	635.20	2,745
12:56:29	635.20	1,441
12:56:38	635.20	3,580
12:56:38	635.20	70
12:56:38	635.20	2,000
12:56:38	635.20	8
12:56:47	635.20	1,263
12:56:47	635.20	1,926
12:57:06	635.20	3,812
12:57:30	635.20	2,937
12:57:32	635.20	1,868
12:58:04	635.20	3,329
12:58:33	635.30	1,317
12:58:57	635.20	2,344
12:58:57	635.20	1,563
12:59:16	635.50	3,014
12:59:16	635.50	300
12:59:30	635.50	5,333
12:59:30	635.50	600
12:59:30	635.50	2,000
12:59:30	635.50	1,083

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12:59:30	635.50	259
12:59:46	635.60	1,356
13:00:06	635.70	300
13:00:24	635.70	4,659
13:00:25	635.70	2,000
13:00:25	635.70	254
13:00:25	635.70	300
13:01:00	635.70	1,442
13:01:23	635.80	29
13:01:23	635.80	1,166
13:01:26	635.80	3,602
13:01:47	636.10	1,900
13:03:35	636.10	1,369
13:03:35	636.10	3,032
13:03:57	636.20	4,686
13:04:27	636.20	212
13:04:31	636.20	3,383
13:04:47	636.20	1,618
13:05:17	635.90	2,741
13:05:26	635.80	1,488
13:06:07	635.70	2,769
13:06:26	635.70	1,287
13:07:21	635.50	829
13:07:21	635.50	1,060
13:07:36	635.50	1,945
13:07:36	635.50	731
13:07:53	635.40	798
13:07:53	635.40	477
13:08:15	635.20	2,483
13:09:49	634.70	1,584
13:10:04	634.70	434
13:11:11	635.20	1,690
13:11:23	635.20	3,268
13:11:42	635.30	5,574
13:11:43	635.40	657
13:11:52	635.50	1,008
13:11:52	635.50	2,645
13:12:30	635.70	1,229
13:12:30	635.70	939
13:12:30	635.70	1,315
13:12:42	635.80	909
13:12:42	635.80	1,264
13:12:45	635.70	3,220
13:12:45	635.70	1,156
13:12:49	635.50	2,666
13:12:49	635.50	68
13:12:49	635.50	534
13:12:49	635.50	784

13:14:59	635.90	2,421
13:14:59	635.90	2,000
13:14:59	635.90	278
13:15:34	635.80	1,184
13:16:34	635.90	4,271
13:17:31	636.00	4,367
13:17:31	636.00	2,000
13:17:31	636.00	1,589
13:17:47	635.90	1,622
13:17:47	635.90	82
13:18:27	635.90	2,124
13:18:27	635.90	663
13:19:13	635.90	1,630
13:20:28	636.10	1,852
13:20:28	636.10	2,000
13:20:28	636.10	485
13:20:41	636.00	348
13:20:45	636.00	1,343
13:20:45	636.00	1,238
13:20:45	636.00	1,691
13:21:01	636.00	1,327
13:21:47	635.70	4,344
13:22:43	635.60	2,887
13:22:51	635.30	1,203
13:22:59	635.30	2,328
13:23:03	634.90	255
13:23:03	634.90	935
13:23:21	634.70	450
13:23:21	634.70	840
13:23:58	634.90	2,474
13:23:58	634.90	25
13:24:49	634.80	1,166
13:24:49	634.80	2,162
13:24:49	634.80	345
13:24:50	634.80	1,322
13:25:11	634.80	525
13:25:11	634.80	649
13:25:50	634.70	1,215
13:25:51	634.70	1,492
13:25:51	634.60	2,172
13:26:09	634.50	2,562
13:26:14	634.50	1,160
13:26:17	634.50	4,292
13:26:19	634.50	125
13:26:19	634.50	2,790
13:26:43	634.40	4,401
13:26:53	634.40	1,293
13:27:01	634.40	967
13:27:07	634.20	944
13:27:07	634.20	2,134

13:27:07	634.20	1,574
13:27:07	634.20	2,597
13:27:08	634.20	1,377
13:27:10	634.00	2,000
13:27:10	634.00	401
13:27:11	634.00	2,050
13:27:11	634.00	696
13:27:32	634.20	1,165
13:27:33	634.20	2,134
13:27:33	634.20	5,821
13:27:33	634.20	1,511
13:28:09	634.10	2,905
13:28:09	634.00	254
13:28:09	634.00	2,000
13:28:09	634.00	944
13:28:09	634.10	600
13:28:09	634.10	120
13:28:09	634.10	2,000
13:28:09	634.10	1,115
13:28:09	634.10	1,266
13:28:12	633.90	1,429
13:28:12	633.90	1,429
13:28:32	633.90	1,143
13:28:53	634.10	3,125
13:29:36	634.00	2,848
13:29:36	634.00	2,000
13:29:36	634.00	1,670
13:29:51	633.90	2,737
13:29:52	633.80	1,764
13:29:55	633.70	1,639
13:29:55	633.70	236
13:29:55	633.70	230
13:29:55	633.70	194
13:30:00	633.60	1,810
13:30:00	633.60	1,224
13:30:15	633.90	2,000
13:30:15	633.90	255
13:31:01	634.50	2,000
13:31:01	634.50	347
13:31:01	634.50	2,859
13:31:19	634.50	2,000
13:31:24	634.50	2,000
13:31:24	634.50	1,224
13:31:24	634.50	1,409
13:31:27	634.40	4,257
13:31:27	634.40	255
13:31:27	634.40	2,443
13:31:27	634.40	25
13:31:34	634.20	1,676
13:31:50	634.30	3,528

13:32:01	634.10	1,995
13:32:10	633.60	420
13:32:10	633.60	2,000
13:32:10	633.70	1,911
13:32:12	633.60	2,000
13:32:12	633.60	77
13:32:12	633.60	2,000
13:32:12	633.60	1,298
13:32:29	633.90	2,003
13:32:29	633.90	2,000
13:32:29	633.90	1,664
13:32:31	633.90	1,458
13:32:33	633.80	3,682
13:33:14	633.90	2,535
13:33:14	633.90	1,394
13:33:15	633.90	2,000
13:33:15	633.90	249
13:33:38	634.20	1,304
13:34:32	634.70	1,232
13:34:51	634.70	1,417
13:35:00	634.60	1,168
13:35:18	634.50	4,628
13:35:18	634.50	1,933
13:36:10	634.10	1,929
13:36:42	634.50	163
13:36:42	634.50	2,358
13:37:03	634.20	2,285
13:37:03	634.20	544
13:38:39	634.70	480
13:38:39	634.70	2,000
13:38:39	634.70	120
13:38:39	634.70	480
13:38:40	634.70	2,000
13:38:40	634.70	425
13:39:00	634.90	731
13:39:00	634.90	56
13:39:00	634.90	3,014
13:39:00	634.80	1,614
13:39:03	634.70	4,605
13:39:10	634.70	144
13:39:10	634.70	3,279
13:39:13	634.70	1,549
13:39:45	634.70	995
13:39:45	634.70	531
13:40:08	634.70	2,352
13:40:11	634.60	1,318
13:40:25	634.60	729
13:40:25	634.60	835
13:40:42	634.20	1,401
13:40:42	634.20	1,401

13:40:45	634.10	1,187
13:40:46	633.80	608
13:40:47	633.80	60
13:41:00	633.80	988
13:41:00	633.80	2,295
13:41:00	633.80	487
13:41:07	633.90	2,077
13:41:37	633.80	684
13:41:37	633.80	1,915
13:41:37	633.80	1,670
13:41:37	633.80	1,786
13:42:04	633.70	2,000
13:42:04	633.70	2,000
13:42:04	633.70	2,341
13:42:09	633.60	1,369
13:42:09	633.60	244
13:42:09	633.60	450
13:42:09	633.60	1,658
13:43:13	633.90	2,110
13:43:13	633.90	1,690
13:43:13	633.90	628
13:43:59	634.00	1,617
13:44:00	633.90	4,286
13:44:32	634.10	1,348
13:44:39	634.00	2,769
13:44:39	634.00	1,412
13:45:02	634.10	1,656
13:45:02	634.10	1,465
13:45:02	634.10	15
13:45:06	634.00	593
13:45:06	634.00	1,239
13:45:39	633.80	910
13:45:39	633.80	360
13:45:57	633.80	462
13:45:57	633.80	267
13:45:57	633.80	462
13:46:47	633.60	2,154
13:46:56	633.60	702
13:46:56	633.60	1,926
13:47:03	633.50	1,608
13:47:25	633.40	509
13:47:25	633.40	1,506
13:48:30	633.70	34
13:48:57	634.00	600
13:48:57	634.00	2,000
13:49:57	634.40	1,890
13:50:06	634.30	2,441
13:50:06	634.30	2,000
13:50:06	634.30	63
13:51:02	634.50	2,000

13:51:02	634.50	1,115
13:51:18	634.50	1,489
13:51:30	634.20	610
13:51:30	634.20	717
13:52:13	634.20	1,317
13:52:20	634.10	862
13:52:20	634.10	360
13:53:08	633.70	1,193
13:53:14	633.70	1,154
13:53:18	633.60	1,349
13:53:20	633.50	1,841
13:54:07	633.50	3,584
13:54:08	633.40	216
13:54:08	633.40	1,166
13:55:13	633.90	2,893
13:55:25	633.90	3,079
13:55:28	633.90	1,615
13:55:28	633.90	1,258
13:55:47	634.20	3,642
13:55:47	634.20	580
13:55:53	634.20	3,510
13:56:03	634.10	2,554
13:56:03	634.10	1,951
13:56:03	634.10	2,000
13:56:03	634.10	1,985
13:56:03	634.10	198
13:56:07	634.00	3,499
13:56:10	634.00	607
13:57:03	634.20	1,166
13:57:03	634.10	1,328
13:57:03	634.10	1,188
13:57:52	634.20	3,749
13:58:06	634.20	1,154
13:59:04	634.30	2,197
13:59:59	634.50	1,115
13:59:59	634.50	218
14:00:05	634.40	748
14:00:05	634.40	851
14:01:29	634.10	2,936
14:01:38	633.80	2,265
14:02:35	634.20	2,582
14:02:36	634.20	12
14:02:36	634.20	1,526
14:02:44	634.20	348
14:02:44	634.20	122
14:02:44	634.20	948
14:03:59	634.60	1,937
14:03:59	634.60	1,818
14:04:19	634.60	1,200
14:04:19	634.60	332

14:05:20	634.30	3,731
14:05:20	634.30	1,911
14:05:57	634.10	3,235
14:06:05	633.90	1,671
14:06:41	633.80	1,431
14:06:54	633.70	561
14:06:54	633.70	916
14:08:15	633.90	3,870
14:08:25	633.90	1,169
14:08:41	633.90	1,516
14:08:41	633.90	862
14:09:18	633.90	1,879
14:09:18	633.90	160
14:09:24	633.60	2,241
14:09:53	633.80	1,352
14:10:33	633.80	1,416
14:11:57	633.90	1,093
14:11:57	633.90	413
14:11:59	633.80	1,517
14:12:00	633.80	1,296
14:12:27	633.70	270
14:12:27	633.70	941
14:13:02	633.80	474
14:13:07	633.80	2,000
14:13:07	633.80	720
14:13:09	633.70	1,800
14:13:10	633.70	230
14:13:10	633.70	667
14:13:10	633.70	1,137
14:13:10	633.70	1,704
14:13:16	633.70	1,705
14:13:32	633.80	160
14:13:32	633.80	1,043
14:14:38	634.20	596
14:14:38	634.20	614
14:14:56	634.30	4,677
14:14:56	634.30	1,158
14:14:56	634.30	2,000
14:14:56	634.30	1,433
14:15:10	634.30	5,563
14:16:07	634.50	3,808
14:16:07	634.50	1,843
14:16:07	634.50	2,000
14:16:07	634.50	3,593
14:16:17	634.60	1,450
14:16:17	634.60	2,000
14:16:42	634.40	2,671
14:16:42	634.30	1,200
14:16:42	634.30	1,624
14:16:44	634.20	400

14:16:44	634.20	1,817
14:16:45	634.20	1,207
14:16:47	634.00	2,590
14:16:47	634.00	255
14:16:47	634.00	120
14:16:47	634.00	1,436
14:17:12	634.10	965
14:17:12	634.10	2,677
14:17:15	634.00	1,840
14:17:15	634.00	1,221
14:17:44	634.20	4,195
14:17:44	634.10	1,369
14:17:52	634.00	2,819
14:17:58	633.90	531
14:17:59	633.90	1,130
14:17:59	633.90	80
14:17:59	633.90	1,234
14:18:07	633.90	2,494
14:18:16	633.90	1,149
14:19:24	634.10	2,213
14:20:01	634.10	1,758
14:20:17	633.90	542
14:20:17	633.90	1,115
14:20:17	633.90	154
14:20:29	633.70	1,571
14:20:29	633.70	484
14:20:36	633.50	1,388
14:20:58	633.50	1,776
14:21:07	633.40	1,218
14:21:08	633.30	1,331
14:23:31	633.70	1,881
14:23:44	634.00	1,678
14:23:48	634.00	2,707
14:24:04	634.00	1,213
14:25:15	634.20	2,273
14:25:41	634.20	1,237
14:25:56	634.10	1,143
14:26:06	634.10	3,291
14:26:45	634.20	1,828
14:27:05	634.40	3,512
14:27:13	634.30	2,949
14:27:13	634.30	791
14:28:08	634.50	3,009
14:28:08	634.40	185
14:28:12	634.30	2,855
14:28:12	634.30	2,000
14:28:12	634.30	369
14:28:30	634.30	3,636
14:28:30	634.30	399
14:28:54	634.40	1,799

14:29:51	634.80	5,291
14:29:59	634.90	1,755
14:29:59	634.90	2,262
14:29:59	634.90	1,755
14:30:03	635.20	5,516
14:30:03	635.20	300
14:30:03	635.20	1,084
14:30:03	635.20	1,156
14:30:04	635.20	2,330
14:30:09	635.30	2,000
14:30:09	635.30	2,418
14:30:09	635.40	1,200
14:30:09	635.40	2,250
14:30:09	635.40	2,000
14:30:09	635.40	895
14:30:09	635.40	1,100
14:30:09	635.40	2,045
14:30:09	635.40	117
14:30:12	635.50	2,000
14:30:12	635.50	1,448
14:30:18	635.60	1,100
14:30:43	635.80	1,147
14:30:43	635.80	2,000
14:30:43	635.80	2,341
14:30:44	635.70	2,000
14:30:45	635.70	1,147
14:30:46	635.60	3,978
14:30:46	635.60	1,147
14:30:46	635.60	1,563
14:30:46	635.60	1,744
14:30:48	635.50	70
14:30:48	635.50	4,602
14:30:48	635.50	2,000
14:30:48	635.50	700
14:30:48	635.50	3,741
14:30:48	635.50	300
14:30:48	635.50	1,147
14:30:48	635.50	1,200
14:30:48	635.50	1,894
14:30:53	635.40	2,784
14:30:53	635.40	1,445
14:30:57	635.30	882
14:30:57	635.30	973
14:31:08	636.00	2,000
14:31:08	636.00	89
14:31:09	635.90	4,250
14:31:11	635.80	1,581
14:31:16	635.80	662
14:31:16	635.80	3,013
14:31:20	635.70	1,978

14:31:29	635.70	1,779
14:31:45	635.60	2,090
14:31:47	635.50	1,362
14:32:16	636.00	109
14:32:16	636.00	1,041
14:32:21	636.10	1,403
14:32:23	636.10	638
14:32:29	636.20	103
14:32:29	636.20	700
14:32:29	636.20	1,434
14:32:31	636.20	1,617
14:32:34	636.10	1,786
14:32:34	636.10	2,448
14:32:34	636.10	1,954
14:32:42	636.10	1,001
14:32:43	636.10	1,526
14:32:43	636.10	2,287
14:33:14	636.30	2,441
14:33:42	636.30	4,077
14:33:48	636.00	1,221
14:33:50	636.00	1,139
14:34:08	636.10	1,411
14:34:17	636.00	2,222
14:34:39	636.20	3,496
14:35:08	636.80	2,000
14:35:08	636.80	3,063
14:35:08	636.80	2,200
14:35:08	636.80	2,000
14:35:08	636.80	300
14:35:09	636.70	2,000
14:35:09	636.70	2,926
14:35:11	636.70	300
14:35:11	636.70	3,702
14:35:11	636.70	377
14:35:12	636.70	1,159
14:35:12	636.70	271
14:35:15	636.70	3,808
14:35:21	636.60	1,656
14:35:25	636.70	500
14:35:26	636.80	5,173
14:35:26	636.80	2,000
14:35:26	636.80	2
14:35:28	636.80	2,831
14:35:30	636.70	3,464
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14:35:30	636.70	120
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14:35:40	636.50	2,055

14:35:40	636.50	2,763
14:35:41	636.40	1,500
14:35:42	636.40	1,750
14:35:42	636.40	360
14:35:42	636.40	1,869
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14:36:07	636.70	3,076
14:36:08	636.70	600
14:36:08	636.70	300
14:36:10	636.70	149
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14:36:30	636.70	1,600
14:36:30	636.70	381
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14:36:30	636.70	137
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14:36:45	636.60	3,766
14:36:45	636.60	2,949
14:36:50	636.40	4,000
14:36:50	636.40	218
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14:37:09	636.60	4,376
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14:37:15	636.40	4,116
14:37:15	636.40	1,500
14:37:15	636.40	2,000
14:37:15	636.40	598
14:37:25	636.20	3,225
14:37:51	636.50	3,760
14:37:59	636.60	2,134
14:38:06	636.60	1,664
14:38:06	636.60	968
14:38:24	636.60	2,107
14:38:26	636.60	823
14:38:26	636.60	547
14:38:29	636.50	1,312
14:38:34	636.30	1,664
14:38:34	636.30	1,931
14:38:57	636.20	133
14:38:57	636.20	2,194
14:39:45	636.30	176
14:39:45	636.30	1,553
14:39:45	636.30	279
14:39:52	636.00	504

14:39:52	636.00	505
14:39:53	636.00	2,000
14:40:15	636.00	1,580
14:40:15	636.00	495
14:40:15	636.00	199
14:40:29	636.00	1,143
14:40:29	636.00	312
14:41:19	635.40	1,532
14:41:25	635.50	2,755
14:41:55	635.70	141
14:41:55	635.70	1,812
14:41:55	635.70	995
14:41:58	635.60	380
14:41:58	635.60	1,261
14:42:18	635.50	2,007
14:42:18	635.40	360
14:42:18	635.40	976
14:44:07	635.80	2,000
14:44:07	635.80	120
14:44:07	635.80	3,104
14:44:07	635.80	358
14:44:11	635.80	1,166
14:44:13	635.90	100
14:44:20	635.90	63
14:44:21	635.80	1,958
14:44:21	635.80	1,180
14:44:21	635.80	100
14:44:30	636.10	1,500
14:44:30	636.10	456
14:44:49	636.00	100
14:44:53	635.90	2,635
14:44:53	635.90	289
14:44:53	635.90	244
14:44:53	635.90	1,256
14:44:53	635.90	2,000
14:44:53	636.00	1,349
14:44:59	635.90	3,449
14:44:59	635.90	25
14:45:12	635.90	3,320
14:45:29	635.90	2,451
14:45:46	635.90	3,397
14:46:02	635.70	4,251
14:46:02	635.60	935
14:46:02	635.70	1,600
14:46:02	635.70	559
14:46:04	635.60	424
14:46:05	635.60	1,903
14:46:05	635.50	500
14:46:24	635.60	4,356
14:46:37	635.60	2,280

14:46:37	635.60	1,756
14:46:40	635.60	1,564
14:46:42	635.30	1,411
14:46:44	635.20	1,322
14:47:08	635.80	2,000
14:47:08	635.80	1,073
14:47:09	635.80	4
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14:47:11	635.70	42
14:47:11	635.70	2,249
14:47:12	635.70	1,500
14:47:12	635.70	1,212
14:47:12	635.70	151
14:48:01	635.70	468
14:48:01	635.70	2,584
14:48:04	635.60	1,514
14:48:05	635.50	300
14:48:06	635.50	300
14:48:08	635.50	1,685
14:48:15	635.60	1,236
14:48:16	635.60	1,064
14:48:26	635.70	4,575
14:48:27	635.70	2,000
14:48:27	635.70	561
14:48:44	635.50	4,001
14:48:59	635.50	2,651
14:48:59	635.50	1,858
14:48:59	635.50	700
14:48:59	635.50	1,962
14:49:11	635.50	2,067
14:49:11	635.50	1,433
14:49:11	635.50	1,230
14:49:34	635.60	235
14:49:34	635.60	1,598
14:50:14	635.50	2,156
14:50:39	635.60	515
14:50:39	635.60	2,868
14:50:57	635.70	300
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14:51:08	635.90	2,000
14:51:42	635.80	1,915
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14:52:58	636.40	300
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14:53:34	636.50	1,883
14:53:34	636.50	683
14:53:34	636.50	712
14:54:42	636.90	1,392
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14:56:12	637.20	2,000
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14:56:24	637.30	1,469
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14:57:18	637.80	300
14:57:25	637.80	1,394
14:57:26	637.80	668
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14:57:34	637.70	4,159
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14:58:03	637.60	300
14:58:03	637.60	1,146
14:58:15	637.50	2,515
14:59:32	637.50	3,597
14:59:40	637.50	2,420
14:59:55	637.50	388
14:59:55	637.50	939
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15:00:18	638.00	1,376
15:00:22	637.90	2,467
15:00:22	637.90	1,480

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15:02:12	638.40	1,000
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15:02:16	638.40	151
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15:02:29	638.30	782
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15:03:37	638.40	1,496
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15:11:24	638.60	1,197
15:11:39	638.70	1,450
15:11:50	638.80	1,902
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15:13:15	638.60	1,330
15:13:58	638.70	634
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15:14:21	638.70	1,979
15:14:21	638.70	409
15:14:41	638.50	1,044
15:14:41	638.50	659
15:14:41	638.50	622
15:14:41	638.50	1,907
15:14:42	638.50	1,007
15:14:42	638.50	525

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15:15:08	638.50	1,089
15:15:09	638.50	173
15:15:09	638.50	1,265
15:15:19	638.50	1,195
15:16:06	638.70	732
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15:16:15	638.80	1,416
15:16:41	638.80	923
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15:17:50	638.70	690
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15:21:14	638.90	1,586
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15:23:22	639.30	1,594
15:23:48	639.40	4,810
15:23:51	639.40	3,029
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15:23:54	639.40	2,627
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15:23:54	639.40	957
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15:38:58	641.80	2,000
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15:39:18	641.60	3,494
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15:40:54	641.80	1,829
15:40:54	641.80	1,789
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15:45:20	642.90	4,096
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15:45:22	642.90	226
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15:45:23	643.00	1,104
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15:45:34	643.00	2,646
15:46:12	643.40	5,163
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15:46:38	643.50	836
15:46:38	643.50	1,000
15:46:38	643.50	316
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15:46:38	643.50	903
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15:47:41	643.30	1,690
15:47:41	643.30	212
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15:48:25	643.80	252
15:48:27	643.80	300
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15:48:54	644.00	3,102

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15:49:37	644.00	2,000
15:49:38	644.00	300
15:49:38	644.00	300
15:49:38	644.00	750
15:49:38	644.00	499
15:49:38	644.00	622
15:49:45	644.00	300
15:49:46	644.00	300
15:49:55	643.90	1,695
15:49:56	643.90	1,496
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15:50:21	644.00	300
15:50:21	644.00	887
15:50:24	643.90	2,384
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15:55:36	644.10	705
15:55:40	644.20	300
15:55:40	644.20	705
15:55:40	644.20	996

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15:55:58	644.00	443
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15:56:37	644.30	590
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15:56:37	644.30	499
15:56:37	644.30	300
15:56:38	644.30	590
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15:57:48	644.40	700

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16:19:16	642.40	1,126
16:19:17	642.40	1,126
16:19:18	642.40	2,102
16:19:18	642.40	1,126
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16:19:20	642.40	1,100
16:19:24	642.30	3,362
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16:19:25	642.30	3,192
16:19:25	642.30	162
16:19:26	642.30	1,420
16:19:28	642.20	496

16:19:48	642.40	5,002
16:19:49	642.40	1,126
16:19:49	642.40	5,452
16:19:58	642.30	1,390

This announcement will also be available on HSBC's website at www.hsbc.com/sea

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