

# HSBC HOLDINGS PLC

21 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:	21 November 2016
Number of ordinary shares of US\$0.50 each purchased:	3,094,017
Highest price paid per share:	£6.4080
Lowest price paid per share:	£6.2870
Volume weighted average price paid per share:	£6.3481

Following the purchase of these shares, the Company holds 252,137,903 of its ordinary shares in treasury and has 19,815,725,794 ordinary shares in issue (excluding treasury shares). Therefore the total voting rights in HSBC Holdings plc is 19,815,725,794. 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>
08:01:10	636.50	306
08:01:10	636.50	103
08:01:13	635.60	152
08:01:13	635.60	157
08:01:13	635.60	801
08:01:13	635.60	250
08:01:35	636.20	2,066
08:01:44	636.00	4,250
08:02:05	635.30	268
08:02:05	635.30	1,376
08:02:05	635.30	63
08:02:05	635.30	100
08:02:06	635.30	116
08:02:06	635.30	1,242
08:03:12	635.70	59
08:03:12	635.70	4,319
08:03:45	635.70	881
08:03:45	635.70	260
08:04:18	636.00	1,555
08:04:23	636.10	1,343
08:04:23	636.10	2,237
08:04:36	636.30	1,969
08:05:24	636.80	1,200

08:05:24	636.80	720
08:05:24	636.80	1,413
08:06:36	637.50	1,834
08:06:46	637.60	1,000
08:06:46	637.60	642
08:07:00	636.70	2,004
08:07:00	636.70	3,196
08:07:11	636.50	2,190
08:07:18	635.90	1,265
08:09:18	635.50	4,484
08:09:18	635.50	865
08:09:18	635.50	1,026
08:09:18	635.20	1,010
08:09:18	635.20	560
08:09:18	635.20	1,010
08:10:16	635.50	4,004
08:10:22	635.30	3,291
08:10:23	635.20	1,265
08:10:23	635.00	1,244
08:10:28	635.00	1,717
08:10:31	634.90	1,563
08:10:34	634.90	693
08:10:34	634.90	1,640
08:10:34	634.90	1,170
08:10:37	634.60	1,479
08:10:46	634.40	1,191
08:11:40	635.30	2,029
08:11:40	635.30	2,430
08:11:40	635.30	1,368
08:11:51	635.20	296
08:11:51	635.20	900
08:12:06	634.80	420
08:12:06	634.80	1,142
08:12:56	635.60	1,323
08:13:10	635.60	1,959
08:13:51	635.70	1,100
08:13:51	635.70	572
08:14:00	635.40	1,802
08:14:22	635.70	704
08:14:22	635.70	951
08:14:22	635.70	704
08:14:22	635.60	1,201
08:14:36	635.70	193
08:14:36	635.70	1,882
08:15:08	635.10	606
08:15:08	635.10	2,054
08:15:14	634.90	1,293
08:15:24	634.90	1,389
08:16:26	635.00	1,401
08:16:26	635.00	1,733

08:16:54	635.10	352
08:16:54	635.10	1,471
08:17:53	635.50	1,422
08:17:53	635.50	1,492
08:18:06	635.40	794
08:18:06	635.40	536
08:18:41	635.70	1,307
08:19:49	636.10	1,796
08:20:02	636.00	2,084
08:20:02	636.00	1,771
08:20:11	636.20	1,445
08:20:48	636.90	1,200
08:20:48	636.90	763
08:21:07	636.80	1,200
08:21:07	636.70	1,210
08:21:11	636.50	1,200
08:21:11	636.50	6
08:22:27	636.60	1,395
08:22:27	636.60	1,044
08:23:49	636.50	1,800
08:23:49	636.50	768
08:23:54	636.40	1,386
08:24:06	636.60	1,831
08:24:25	636.40	100
08:24:27	636.40	2,280
08:25:29	636.60	3,325
08:25:32	636.50	1,176
08:25:55	636.50	520
08:26:24	636.40	3,093
08:26:42	636.50	2,134
08:26:42	636.50	532
08:26:42	636.50	2,000
08:26:42	636.50	207
08:27:03	636.10	364
08:27:53	636.50	1,830
08:27:53	636.30	504
08:27:53	636.30	790
08:27:53	636.40	1,400
08:27:53	636.40	983
08:28:17	636.70	1,722
08:28:19	636.60	4,203
08:28:19	636.60	840
08:28:19	636.60	512
08:28:27	636.50	2,083
08:28:28	636.50	840
08:28:28	636.50	569
08:28:50	636.50	1,454
08:28:50	636.50	865
08:29:29	636.50	1,504
08:30:29	636.50	2,746

08:30:29	636.50	690
08:30:31	636.40	1,153
08:30:38	636.50	976
08:30:38	636.50	2,788
08:33:02	636.50	1,300
08:33:10	636.60	1,160
08:33:31	636.40	3,194
08:33:31	636.40	950
08:33:31	636.40	970
08:33:44	636.50	2,765
08:34:03	636.10	2,000
08:34:03	636.10	364
08:34:43	635.90	4,096
08:34:43	635.90	1,261
08:34:57	635.80	1,203
08:34:57	635.70	650
08:34:57	635.70	852
08:36:11	635.60	1,843
08:36:11	635.60	946
08:36:12	635.60	1,889
08:36:12	635.60	1,259
08:36:22	635.50	2,539
08:36:28	635.50	1,366
08:36:34	635.40	1,205
08:36:46	635.70	1,659
08:38:06	636.70	4,217
08:38:06	636.60	1,200
08:38:06	636.60	15
08:38:06	636.60	1,186
08:38:12	636.70	2,000
08:38:12	636.70	704
08:38:18	636.60	640
08:38:18	636.60	2,936
08:38:18	636.60	1,378
08:38:19	636.60	1,299
08:39:51	637.20	200
08:39:51	637.20	2,000
08:39:51	637.20	775
08:40:11	637.20	1,600
08:40:11	637.20	1,086
08:40:40	637.30	1,500
08:40:40	637.30	2,000
08:40:40	637.30	1,193
08:40:49	637.20	1,785
08:40:49	637.20	1,465
08:41:10	637.00	950
08:41:10	637.00	258
08:41:10	636.90	950
08:41:10	636.90	490
08:41:50	636.90	1,218

08:41:50	636.90	1,315
08:44:37	636.90	3,329
08:44:37	636.90	640
08:44:37	636.90	609
08:44:59	636.80	2,500
08:45:11	636.60	1,240
08:45:46	636.50	2,000
08:45:46	636.50	1,483
08:46:12	636.30	860
08:46:12	636.30	250
08:46:12	636.30	166
08:47:15	636.20	3,233
08:48:16	636.70	1,100
08:48:19	636.70	1,300
08:48:19	636.70	798
08:48:21	636.60	3,614
08:48:21	636.60	1,200
08:48:21	636.60	660
08:49:00	636.70	1,427
08:49:00	636.70	378
08:49:35	636.80	755
08:49:41	636.90	1,532
08:49:43	636.90	7,784
08:49:43	636.90	1,479
08:49:51	636.80	3,200
08:50:09	637.00	2,606
08:50:12	637.00	6,104
08:50:13	637.00	2,607
08:50:13	637.00	1,900
08:50:14	637.00	3,484
08:50:21	637.00	1,167
08:50:21	637.00	2,333
08:50:22	637.00	1,179
08:50:28	637.00	1,770
08:50:29	636.90	1,634
08:50:29	636.90	600
08:50:29	636.90	1,026
08:50:55	637.10	2,000
08:50:55	637.10	2,000
08:50:56	637.10	2,000
08:51:04	637.20	1,686
08:51:18	637.30	1,842
08:51:18	637.20	1,694
08:51:21	637.10	1,137
08:51:36	637.10	470
08:51:52	637.20	4,647
08:51:57	637.10	3,837
08:53:31	637.50	4,044
08:53:31	637.50	3,159
08:53:39	637.40	874

08:53:39	637.40	993
08:53:39	637.40	1,629
08:53:40	637.40	1,146
08:53:51	637.30	1,476
08:53:55	637.10	1,917
08:54:19	637.20	1,385
08:54:19	637.20	1,588
08:55:24	637.00	788
08:56:05	637.10	2,899
08:56:05	637.00	2,000
08:56:05	637.10	692
08:56:19	636.90	1,139
08:56:47	636.70	360
08:56:55	636.50	1,171
08:57:35	636.40	800
08:57:36	636.40	955
08:57:39	636.40	1,261
08:58:03	636.70	2,246
08:58:03	636.70	2,679
08:58:03	636.70	1,238
08:58:10	636.60	1,000
08:58:10	636.60	481
08:58:10	636.60	1,598
08:58:28	636.30	1,330
08:59:19	636.30	1,871
08:59:49	635.90	1,347
09:00:09	636.10	885
09:00:09	636.10	806
09:01:13	636.10	1,705
09:01:13	636.10	1,935
09:02:09	636.10	1,503
09:03:27	635.60	2,393
09:03:54	635.30	200
09:03:54	635.30	1,608
09:04:05	635.50	841
09:04:10	635.50	1,416
09:04:10	635.50	1,411
09:04:19	635.60	1,314
09:04:23	635.50	1,506
09:04:34	635.80	1,000
09:04:34	635.80	193
09:04:40	636.00	1,300
09:04:40	636.00	1,823
09:04:42	636.20	1,678
09:04:43	636.10	600
09:04:43	636.10	2,000
09:04:43	636.10	754
09:05:02	636.00	2,000
09:05:02	636.00	1,347
09:05:02	636.00	1,052

09:05:02	636.00	330
09:05:02	636.00	2,010
09:05:02	636.00	1,337
09:05:03	635.90	4,740
09:05:03	636.00	120
09:05:03	635.90	1,161
09:05:04	635.80	2,000
09:05:04	635.80	2,743
09:05:05	635.70	3,156
09:05:05	635.70	1,238
09:05:11	635.70	2,000
09:05:11	635.70	2,195
09:05:20	635.70	1,400
09:05:20	635.70	2,320
09:05:31	635.90	1,988
09:05:31	635.90	249
09:05:34	635.90	1,187
09:05:34	635.80	1,558
09:06:20	635.80	1,584
09:06:30	635.60	1,398
09:06:30	635.60	1,268
09:07:02	635.50	2,617
09:07:10	635.50	1,100
09:07:10	635.50	46
09:07:33	635.40	1,253
09:07:58	635.10	1,431
09:08:00	635.00	2,322
09:08:27	635.00	3,168
09:08:31	635.10	537
09:08:32	635.10	16
09:08:32	635.10	1,865
09:08:32	635.10	857
09:08:32	635.10	1,598
09:08:32	635.10	820
09:09:09	634.70	1,460
09:09:25	634.80	2,500
09:09:31	634.80	1,579
09:09:31	634.70	1,333
09:09:33	634.50	1,000
09:09:33	634.50	834
09:09:51	634.70	2,410
09:09:51	634.70	1,494
09:09:51	634.60	1,185
09:09:52	634.60	1,165
09:09:57	634.50	1,730
09:10:03	634.40	2,103
09:10:33	634.50	2,000
09:10:33	634.50	686
09:10:33	634.50	764
09:10:33	634.50	3,796

09:10:42	634.30	1,327
09:10:54	634.50	4,624
09:10:54	634.50	2,200
09:11:05	634.40	1,356
09:11:05	634.40	1,163
09:11:49	634.70	839
09:11:49	634.70	2,849
09:11:50	634.60	605
09:11:51	634.70	992
09:11:57	634.80	3,765
09:11:57	634.80	1,434
09:13:15	635.40	1,464
09:13:35	635.40	1,400
09:13:35	635.40	298
09:13:35	635.40	2,137
09:13:59	635.40	3,870
09:13:59	635.40	197
09:13:59	635.40	1,200
09:13:59	635.40	285
09:14:50	635.20	100
09:14:50	635.20	629
09:14:50	635.20	3,029
09:14:50	635.20	629
09:14:50	635.20	1,544
09:15:00	635.10	300
09:15:00	635.10	1,197
09:15:09	635.10	1,341
09:15:29	635.30	200
09:15:29	635.30	3,221
09:15:40	635.10	2,175
09:15:46	634.90	2,241
09:15:46	634.90	574
09:15:48	634.80	1,746
09:15:48	634.80	1,566
09:15:51	634.90	1,160
09:15:51	634.90	589
09:15:59	635.00	649
09:15:59	635.00	1,494
09:16:09	634.80	2,227
09:16:10	634.80	1,200
09:16:11	634.80	41
09:16:11	634.80	1,371
09:16:20	634.90	2,564
09:16:37	634.80	2,152
09:16:39	634.80	200
09:16:39	634.80	836
09:16:39	634.80	1,325
09:17:38	635.20	2,000
09:17:38	635.20	549
09:17:39	635.20	1,218



09:18:32	635.60	409
09:18:32	635.60	2,000
09:18:36	635.60	1,884
09:18:36	635.60	944
09:18:36	635.60	1,300
09:18:36	635.60	239
09:18:51	635.60	1,500
09:18:51	635.60	1,819
09:20:03	635.60	2,173
09:20:03	635.60	1,086
09:20:03	635.60	1,200
09:20:03	635.60	1,695
09:20:29	635.70	445
09:20:29	635.70	2,017
09:21:06	635.60	1,649
09:21:24	635.70	27
09:21:24	635.70	2,921
09:21:43	635.50	1,200
09:21:43	635.50	161
09:22:25	635.40	597
09:22:35	635.40	100
09:22:40	635.40	100
09:22:51	635.40	1,335
09:23:18	635.50	3,772
09:23:19	635.40	1,516
09:23:35	635.30	1,140
09:24:15	635.20	1,694
09:24:54	635.20	835
09:24:54	635.20	528
09:25:32	635.20	2,212
09:25:35	635.20	445
09:25:37	635.20	780
09:25:54	635.20	178
09:25:54	635.20	722
09:25:54	635.20	478
09:26:08	635.10	167
09:26:08	635.10	4,100
09:26:09	635.10	1,300
09:26:09	635.10	404
09:26:21	634.70	2,000
09:26:21	634.70	684
09:26:48	634.60	1,159
09:27:17	634.60	1,327
09:27:17	634.60	866
09:27:22	634.30	1,232
09:27:30	634.60	1,292
09:27:31	634.50	268
09:27:31	634.50	2,256
09:27:35	634.40	1,754
09:28:55	634.50	1,304

09:30:44	634.60	2,809
09:30:55	634.50	1,180
09:32:09	634.50	23
09:32:09	634.50	1,000
09:32:09	634.50	177
09:32:09	634.50	220
09:33:28	635.00	2,000
09:33:36	634.90	1,352
09:33:36	634.90	1,157
09:33:37	634.80	250
09:33:37	634.90	1,000
09:33:37	634.90	91
09:34:42	635.10	2,045
09:34:48	634.90	990
09:34:48	634.90	473
09:34:48	634.90	149
09:36:06	635.10	2,278
09:36:06	635.10	73
09:36:06	635.10	1,490
09:36:36	634.90	1,849
09:36:39	634.70	1,204
09:37:24	634.60	1,502
09:38:07	634.60	2,487
09:38:24	634.60	1,546
09:40:41	634.40	1,745
09:41:48	634.30	625
09:41:48	634.30	498
09:42:39	634.50	1,193
09:43:06	634.50	1,195
09:44:20	634.60	3,609
09:44:29	634.60	410
09:44:29	634.60	954
09:46:01	634.90	172
09:46:01	634.90	1,468
09:46:13	634.70	326
09:46:13	634.70	1,621
09:47:51	634.50	144
09:47:51	634.50	1,506
09:48:55	634.70	1,345
09:50:21	634.80	1,762
09:51:03	634.70	2,393
09:51:18	634.70	1,500
09:51:18	634.70	11
09:52:19	634.50	1,463
09:52:22	634.40	1,756
09:52:45	634.50	3,269
09:52:45	634.50	915
09:52:45	634.50	2,000
09:52:52	634.50	1,256
09:54:43	634.50	1,140

09:56:45	634.80	100
09:56:45	634.80	1,357
09:56:45	634.70	1,972
09:56:45	634.70	508
09:56:45	634.70	300
09:56:45	634.80	192
09:57:42	634.70	1,629
09:58:18	634.80	1,899
09:59:59	634.70	41
09:59:59	634.70	2,247
10:00:00	634.70	657
10:00:00	634.70	542
10:00:34	634.80	190
10:00:34	634.80	1,860
10:00:34	634.80	263
10:00:50	634.80	1,892
10:02:16	634.70	1,166
10:04:03	634.60	1,328
10:04:04	634.60	1,310
10:05:11	634.50	1,404
10:05:53	634.50	1,466
10:05:53	634.50	1,000
10:06:57	634.70	1,173
10:07:25	634.60	1,153
10:07:25	634.60	2,941
10:07:25	634.60	1,196
10:07:38	634.50	2,113
10:07:38	634.50	1,200
10:07:38	634.50	113
10:08:06	634.50	280
10:08:57	634.50	3,335
10:09:05	634.50	1,797
10:09:05	634.50	2,537
10:09:06	634.50	1,972
10:09:08	634.50	1,300
10:09:08	634.50	477
10:09:10	634.50	2,876
10:09:13	634.50	1,036
10:09:14	634.50	1,809
10:10:28	635.50	1,200
10:10:28	635.50	1,300
10:10:28	635.50	1,954
10:10:29	635.50	2,000
10:10:29	635.50	1,000
10:10:29	635.50	947
10:10:29	635.50	388
10:10:29	635.50	1,109
10:10:29	635.50	50
10:10:29	635.50	50
10:10:29	635.50	50

10:10:30	635.50	50
10:10:30	635.50	50
10:10:30	635.50	50
10:10:30	635.50	1,336
10:10:30	635.50	2,000
10:10:30	635.50	502
10:10:31	635.50	50
10:10:31	635.50	50
10:10:31	635.50	50
10:10:31	635.50	1,103
10:10:32	635.50	50
10:10:32	635.50	50
10:10:32	635.50	50
10:10:36	635.50	50
10:10:36	635.50	50
10:10:36	635.50	50
10:10:36	635.50	1,468
10:10:44	635.60	1,300
10:10:44	635.60	710
10:10:56	635.70	1,312
10:10:59	635.70	730
10:10:59	635.70	1,191
10:11:28	636.00	2,116
10:11:28	635.60	1,263
10:11:34	635.90	2,000
10:11:34	635.90	1,500
10:11:34	635.90	2,000
10:11:36	636.00	1,000
10:11:36	636.00	2,000
10:11:46	636.30	1,400
10:11:46	636.30	626
10:12:04	636.80	1,000
10:12:04	636.80	970
10:12:04	636.80	1,907
10:12:14	636.70	3,339
10:12:26	636.60	1,535
10:12:53	636.80	50
10:12:53	636.80	2,000
10:12:53	636.80	50
10:12:53	636.80	50
10:12:53	636.80	961
10:13:12	636.60	3,864
10:13:12	636.60	3,065
10:13:12	636.60	290
10:14:10	636.70	2,925
10:14:26	636.60	351
10:14:26	636.60	1,037
10:14:38	636.40	1,285
10:15:03	636.50	1,193
10:15:04	636.40	1,806

10:15:04	636.50	2,704
10:15:04	636.50	595
10:15:14	636.40	3,900
10:15:14	636.40	59
10:15:15	636.40	1,560
10:15:47	636.70	2,002
10:15:47	636.70	1,581
10:16:02	636.70	1,203
10:17:11	636.90	1,000
10:17:11	636.90	2,369
10:17:11	636.90	1,000
10:17:11	636.90	2,352
10:17:58	637.50	1,663
10:17:59	637.50	1,160
10:18:03	637.60	1,143
10:18:04	637.50	1,765
10:18:04	637.50	5,645
10:18:06	637.50	4,546
10:18:07	637.50	5,416
10:18:07	637.50	2,000
10:18:07	637.50	3,509
10:19:02	637.40	4,649
10:19:02	637.40	2,610
10:19:05	637.30	1,438
10:19:05	637.30	690
10:19:05	637.30	1,247
10:19:55	637.30	1,749
10:19:56	637.30	2,681
10:19:56	637.30	3,457
10:20:02	637.30	1,832
10:20:03	637.30	2,123
10:20:03	637.30	1,828
10:20:23	637.20	774
10:20:23	637.20	2,217
10:20:23	637.10	784
10:20:23	637.10	1,128
10:20:42	637.00	1,138
10:20:53	637.00	1,350
10:21:03	637.00	1,216
10:21:04	637.00	1,573
10:21:04	637.00	390
10:21:04	637.00	1,932
10:21:07	637.00	1,895
10:21:52	636.80	2,393
10:21:52	636.80	1,207
10:22:19	636.70	944
10:22:19	636.70	951
10:22:19	636.70	1,094
10:22:57	636.90	2,514
10:22:57	636.90	1,737

10:22:58	636.90	451
10:22:58	636.90	977
10:23:25	637.00	1,497
10:23:54	636.90	2,252
10:24:45	636.70	200
10:24:49	636.70	2,663
10:25:30	637.00	1,378
10:25:30	637.00	1,237
10:26:04	637.20	1,490
10:26:04	637.20	2,000
10:26:04	637.20	947
10:26:41	637.30	3,185
10:26:59	637.20	309
10:26:59	637.20	4,038
10:26:59	637.20	1,105
10:26:59	637.20	295
10:28:25	637.50	340
10:28:25	637.50	1,694
10:28:25	637.50	1,657
10:29:26	637.70	212
10:29:26	637.70	975
10:29:37	637.80	3,471
10:31:04	638.50	1,098
10:32:04	638.80	1,109
10:32:04	638.80	2,000
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10:32:08	639.00	26
10:32:33	639.00	4,533
10:32:33	639.00	2,000
10:32:33	639.00	411
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10:32:56	639.20	1,137
10:33:15	639.20	2,405
10:33:16	639.20	1,795
10:33:18	639.10	696
10:33:18	639.10	1,417
10:33:18	639.10	158
10:34:27	638.80	184
10:34:27	638.80	800
10:34:27	638.80	1,336
10:34:57	638.80	1,886
10:36:27	639.20	13
10:36:27	639.20	1,209
10:36:34	639.20	1,549
10:36:39	639.20	1,213
10:36:41	639.20	1,396
10:36:43	639.20	544
10:36:43	639.20	2,000
10:36:43	639.20	4,190
10:36:43	639.20	2,000

10:36:43	639.20	414
10:36:44	639.20	1,088
10:36:44	639.20	2,000
10:36:45	639.20	1,295
10:37:25	639.20	1,012
10:37:25	639.20	643
10:37:25	639.20	1,012
10:37:25	639.20	923
10:37:25	639.20	1,325
10:38:02	639.10	1,370
10:38:42	638.80	1,539
10:38:49	638.60	1,152
10:39:01	638.20	1,575
10:39:08	638.50	4,160
10:39:08	638.50	268
10:39:08	638.40	2,261
10:39:10	638.30	2,191
10:40:19	638.30	1,702
10:40:27	638.30	2,000
10:40:27	638.30	18
10:41:15	638.40	1,100
10:41:15	638.40	76
10:41:16	638.40	2,000
10:41:16	638.40	692
10:41:28	638.10	1,599
10:42:36	638.30	2,925
10:44:24	638.50	157
10:44:25	638.50	2,285
10:44:25	638.50	1,865
10:44:25	638.50	1,200
10:44:25	638.50	2,000
10:44:25	638.50	332
10:44:42	638.40	2,426
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10:45:41	638.20	400
10:46:14	638.30	4,561
10:46:40	638.30	1,270
10:46:51	638.30	2,093
10:46:51	638.30	1,338
10:46:52	638.20	1,852
10:47:50	638.40	1,154
10:47:50	638.40	2,638
10:47:50	638.40	1,181
10:48:21	638.40	2,000
10:48:21	638.40	1,769
10:48:22	638.40	1,180
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10:51:21	638.30	2,122

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10:51:35	638.30	99
10:51:35	638.30	2,764
10:51:48	638.30	1,400
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10:51:48	638.30	211
10:51:48	638.30	60
10:53:24	638.20	1,300
10:53:24	638.20	69
10:53:50	638.20	1,218
10:54:54	638.20	2,000
10:54:54	638.20	918
10:55:09	638.10	1,179
10:55:22	637.90	2,414
10:57:00	637.70	2,076
10:57:00	637.70	178
10:57:56	638.20	1,366
10:58:37	638.20	208
10:58:37	638.20	2,000
10:58:52	638.20	900
10:58:52	638.20	400
10:58:52	638.20	2,307
10:58:52	638.20	954
10:58:55	638.20	2,864
10:58:55	638.20	54
10:59:25	638.10	360
10:59:41	638.10	1,185
11:00:21	638.50	3,169
11:00:21	638.50	940
11:00:21	638.50	1,306
11:00:35	638.20	1,170
11:01:58	638.80	2,352
11:03:09	639.00	3,492
11:03:09	639.00	1,406
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11:03:39	638.80	1,698
11:03:45	638.80	374
11:03:49	638.80	400
11:03:49	638.80	3,790
11:03:49	638.80	2,000
11:05:05	638.80	3,817
11:05:52	638.90	510
11:05:52	638.90	953
11:05:52	638.90	2,000
11:05:52	638.90	1,817
11:06:22	639.00	712
11:06:22	639.00	288
11:06:22	639.00	2,000
11:06:22	639.00	777



11:06:25	639.00	712
11:06:25	639.00	192
11:06:38	638.90	3,148
11:06:38	638.90	2,000
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11:06:38	638.90	49
11:07:31	638.90	3,684
11:08:06	638.90	4
11:08:06	638.90	1,974
11:08:25	638.90	1,000
11:08:35	639.00	2,000
11:08:35	639.00	252
11:08:45	638.90	3,721
11:08:46	638.90	1,678
11:09:24	639.00	4,105
11:09:25	639.00	1,450
11:09:28	639.00	3,000
11:09:30	639.00	1,000
11:09:35	639.00	400
11:10:23	639.30	1,656
11:10:35	639.30	3,598
11:11:12	639.60	3,899
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11:11:14	639.60	605
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11:11:59	639.90	1,349
11:12:03	639.90	1,640
11:12:03	639.90	1,015
11:12:04	639.90	1,294
11:12:34	639.90	1,180
11:12:36	639.90	1,173
11:12:49	640.00	801
11:12:49	640.00	637
11:12:49	640.00	193
11:12:49	640.00	163
11:13:03	639.90	1,294
11:13:03	639.90	1,100
11:13:03	639.90	1,051
11:13:13	640.00	2,317
11:13:21	639.90	4,136
11:13:21	639.90	1,229
11:13:21	639.90	110

11:13:28	639.90	1,611
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11:14:05	640.40	1,261
11:14:07	640.40	2,208
11:14:18	640.50	1,952
11:14:18	640.50	1,100
11:14:18	640.50	400
11:14:18	640.50	1,261
11:14:23	640.50	1,261
11:14:24	640.50	1,261
11:14:25	640.50	1,261
11:14:26	640.50	1,261
11:14:27	640.50	1,261
11:14:28	640.50	1,899
11:14:28	640.50	1,261
11:14:29	640.50	1,261
11:14:31	640.50	346
11:14:34	640.50	352
11:14:39	640.40	4,746
11:14:39	640.40	1,754
11:14:39	640.40	2,000
11:14:39	640.40	801
11:14:42	640.50	1,155
11:14:42	640.50	2,000
11:14:42	640.50	1,898
11:14:42	640.50	800
11:14:42	640.50	850
11:14:42	640.50	2,817
11:14:42	640.50	1,573
11:14:42	640.50	1,163
11:14:42	640.50	400
11:14:42	640.50	2,000
11:15:00	640.30	4,311
11:15:00	640.30	2,000
11:15:03	640.30	4,505
11:15:03	640.20	640
11:15:03	640.20	312
11:15:03	640.20	64
11:16:16	640.80	1,392
11:16:39	640.70	1,100
11:16:39	640.70	230
11:16:45	640.60	1,679
11:18:52	640.50	2,047
11:19:22	640.30	215
11:19:22	640.30	703
11:19:22	640.30	1,642
11:21:36	640.10	3,685
11:22:03	640.20	2,000
11:22:03	640.20	1,175
11:22:03	640.20	809

11:22:19	640.20	100
11:22:19	640.20	1,790
11:23:05	640.10	1,187
11:23:05	640.10	1,081
11:23:23	639.80	1,541
11:23:23	639.80	284
11:23:23	639.80	78
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11:25:37	639.70	1,255
11:25:37	639.70	1,505
11:25:37	639.70	1,585
11:25:41	639.70	900
11:25:41	639.70	179
11:25:41	639.70	307
11:26:21	640.10	1,158
11:26:21	640.00	1,352
11:27:38	640.00	3,789
11:28:50	640.00	4,225
11:28:50	640.00	1,417
11:29:08	639.80	600
11:29:08	639.80	546
11:29:39	639.80	1,166
11:30:17	640.00	140
11:30:17	640.00	298
11:30:18	640.00	294
11:30:18	640.00	87
11:30:18	640.00	1,204
11:30:18	640.00	534
11:30:18	640.00	1,000
11:30:18	640.00	779
11:30:51	640.00	1,398
11:31:09	640.00	1,312
11:31:45	639.90	2,653
11:32:28	640.00	3,537
11:32:28	640.00	713
11:32:28	640.00	1,200
11:32:28	640.00	1,017
11:32:37	640.00	915
11:32:37	640.00	555
11:32:37	640.00	1,505
11:33:09	640.00	2,050
11:34:27	640.00	2,644
11:34:51	639.90	1,364
11:35:10	639.90	1,223
11:35:13	639.90	1,543
11:35:27	639.80	1,775
11:35:43	639.80	1,763
11:35:49	639.80	2,239
11:35:50	639.80	1,155
11:36:25	639.90	281

11:36:25	639.90	3,213
11:36:52	639.80	1,479
11:36:52	639.80	613
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11:38:02	640.10	950
11:38:02	640.10	292
11:38:02	640.10	1,048
11:38:12	640.00	120
11:38:12	640.00	1,043
11:38:45	640.10	2,855
11:39:55	640.10	1,261
11:40:00	640.00	1,748
11:40:00	640.00	992
11:40:03	640.00	1,476
11:40:21	640.10	2,412
11:40:21	640.10	990
11:40:21	640.10	1,415
11:40:55	639.90	1,131
11:40:55	639.90	38
11:40:55	639.90	299
11:40:55	639.90	107
11:40:58	639.80	315
11:40:58	639.80	821
11:42:06	639.60	1,940
11:43:34	639.50	2,767
11:43:47	639.30	3,417
11:44:07	639.00	1,450
11:44:10	639.00	1,330
11:45:58	638.80	1,513
11:45:59	638.80	1,718
11:46:00	638.80	1,153
11:46:24	638.90	953
11:47:40	638.50	2,668
11:48:35	638.10	611
11:48:39	638.10	1,240
11:49:01	637.60	2,483
11:49:03	637.50	1,693
11:49:07	637.50	502
11:49:07	637.50	502
11:49:08	637.50	476
11:51:03	638.20	1,140
11:51:03	638.20	788
11:51:03	638.20	410
11:51:42	638.30	46
11:51:43	638.30	4,340
11:51:46	638.30	196
11:51:46	638.30	1,714
11:53:00	638.00	1,305
11:53:07	637.90	1,154
11:53:38	637.40	1,792

11:54:13	637.30	408
11:54:13	637.30	1,246
11:54:48	637.10	80
11:54:48	637.10	1,419
11:55:55	637.50	1,191
11:55:55	637.50	1,104
11:55:55	637.50	718
11:55:55	637.50	753
11:55:55	637.50	351
11:55:55	637.50	1,306
11:56:51	637.50	56
11:56:51	637.50	823
11:56:51	637.50	1,472
11:58:12	637.50	2,000
11:58:12	637.50	96
11:59:00	637.50	2,258
11:59:13	637.40	1,400
11:59:13	637.40	59
11:59:55	637.40	661
11:59:55	637.40	121
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12:03:48	637.30	2,058
12:04:13	637.30	1,740
12:04:13	637.30	1,270
12:04:13	637.30	1,099
12:04:38	637.20	1,212
12:04:44	637.00	1,450
12:05:16	637.00	3,328
12:05:48	636.80	608
12:06:17	636.90	1,789
12:06:17	636.90	1,714
12:07:03	637.10	2,797
12:07:07	637.00	492
12:07:07	637.00	1,438
12:07:39	636.70	1,296
12:07:40	636.60	1,611
12:08:03	636.60	2,643
12:08:03	636.60	1,792
12:08:03	636.60	80
12:08:03	636.60	846
12:08:10	636.60	472
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12:08:54	636.90	1,766
12:08:54	636.90	1,372
12:10:04	637.30	194
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12:10:04	637.30	1,425
12:11:26	637.10	964
12:11:26	637.10	411
12:13:24	636.50	2,406

12:16:33	636.40	61
12:16:41	636.60	2,000
12:16:44	636.60	1,200
12:16:44	636.60	1,506
12:16:50	636.30	1,245
12:16:50	636.30	744
12:16:51	636.30	1,500
12:16:51	636.30	1,045
12:17:12	636.40	1,900
12:17:12	636.40	18
12:17:30	636.40	1,701
12:18:23	636.40	1,388
12:19:35	636.40	929
12:19:35	636.40	969
12:20:17	636.30	2,185
12:20:17	636.30	564
12:20:17	636.30	279
12:20:33	636.30	1,129
12:20:33	636.30	206
12:21:45	636.30	1,301
12:22:02	636.20	187
12:22:02	636.20	690
12:22:02	636.20	354
12:22:46	636.10	2,013
12:23:31	636.00	1,030
12:23:31	636.00	1,694
12:23:54	636.00	1,284
12:24:59	636.20	1,458
12:25:00	636.20	1,182
12:26:48	636.50	1,786
12:26:48	636.50	20
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12:28:09	636.30	1,873
12:28:09	636.30	389
12:28:09	636.30	1,536
12:28:14	636.10	1,400
12:28:23	635.80	1,539
12:29:19	635.80	1,605
12:29:39	635.70	1,691
12:29:39	635.70	1,746
12:29:39	635.70	2,226
12:30:31	635.80	2,219
12:30:31	635.80	1,231
12:31:04	635.40	1,442
12:31:39	635.30	1,203
12:31:49	635.20	1,406
12:32:20	635.40	1,082
12:33:25	635.80	1,200
12:33:25	635.80	235
12:33:31	635.80	1,840

12:33:47	635.70	1,274
12:33:47	635.70	2,300
12:33:47	635.70	949
12:34:18	635.60	1,411
12:34:19	635.40	1,800
12:34:19	635.40	421
12:34:52	635.20	2,711
12:34:52	635.20	1,406
12:34:52	635.20	151
12:35:07	635.10	1,554
12:35:07	635.10	842
12:35:30	635.00	1,266
12:35:31	635.00	1,393
12:35:45	635.00	1,215
12:36:32	635.00	825
12:36:32	635.00	2,000
12:36:32	635.00	783
12:36:32	635.00	276
12:36:33	635.00	991
12:37:00	635.30	1,800
12:37:00	635.30	886
12:37:00	635.30	1,749
12:37:07	635.30	883
12:37:07	635.30	359
12:37:07	635.30	96
12:37:14	635.40	1,148
12:37:14	635.40	2,000
12:37:32	635.40	3,595
12:37:33	635.30	1,138
12:37:33	635.30	862
12:37:33	635.30	207
12:37:33	635.30	997
12:39:25	636.00	2,166
12:39:26	636.00	2,000
12:39:26	636.00	1,769
12:39:31	635.70	2,000
12:39:31	635.70	1,000
12:39:31	635.70	399
12:40:34	635.90	2,200
12:40:34	635.90	820
12:41:04	635.70	1,179
12:41:33	635.70	1,267
12:42:20	635.60	1,238
12:44:46	636.00	1,150
12:44:53	636.00	1,200
12:44:53	636.00	348
12:44:55	636.00	1,567
12:45:32	636.10	1,600
12:45:32	636.10	1,600
12:45:32	636.10	1,485

12:45:32	636.10	2,000
12:45:32	636.10	95
12:45:41	636.00	1,349
12:45:53	636.00	1,123
12:45:53	636.00	434
12:46:27	636.00	900
12:47:09	636.10	43
12:47:51	636.20	2,860
12:47:51	636.20	1,405
12:48:43	636.20	2,929
12:48:43	636.20	1,936
12:49:39	636.30	2,576
12:49:59	636.20	1,000
12:49:59	636.20	1,172
12:51:39	636.50	1,367
12:51:40	636.50	2,000
12:51:40	636.50	218
12:52:54	636.70	903
12:52:56	636.70	478
12:52:56	636.70	2,450
12:52:58	636.60	1,153
12:52:59	636.50	1,468
12:53:32	636.40	188
12:53:32	636.40	2,141
12:53:32	636.40	365
12:55:13	636.90	1,415
12:55:45	636.80	989
12:55:45	636.80	2,605
12:55:57	636.50	943
12:55:57	636.50	450
12:56:09	636.60	93
12:56:09	636.60	3,085
12:56:13	636.50	1,178
12:56:30	636.50	1,392
12:57:51	636.30	1,321
12:58:14	636.30	500
12:58:59	636.70	1,241
13:00:00	636.70	1,166
13:00:00	636.70	1,884
13:00:19	636.70	1,362
13:00:19	636.70	1,851
13:01:04	636.50	1,005
13:01:04	636.50	1,941
13:01:16	636.60	1,843
13:01:53	636.40	1,743
13:01:53	636.40	230
13:04:00	636.50	1,391
13:05:13	636.80	1,355
13:05:35	636.60	3,489
13:06:01	636.60	1,325



13:06:42	636.20	2,366
13:08:35	636.50	1,928
13:08:54	636.40	3,132
13:08:55	636.40	1,100
13:08:55	636.40	509
13:09:26	636.30	1,193
13:09:27	636.30	1,100
13:09:27	636.30	250
13:09:27	636.30	6
13:10:24	636.30	1,690
13:10:42	636.30	498
13:10:42	636.30	708
13:11:07	636.30	1,465
13:11:28	636.30	1,186
13:12:20	636.30	2,813
13:13:35	636.50	1,707
13:13:36	636.50	674
13:14:36	636.80	1,540
13:14:41	636.80	1,244
13:14:52	636.80	1,308
13:17:12	636.90	167
13:17:12	636.90	3,338
13:17:13	636.90	1,218
13:17:33	636.70	1,628
13:18:06	636.60	1,407
13:18:38	636.40	1,290
13:21:06	636.80	1,295
13:21:06	636.80	1,700
13:21:31	636.80	2,679
13:21:31	636.80	1,286
13:22:35	636.90	1,821
13:22:35	636.90	676
13:24:01	637.10	1,617
13:24:01	637.10	1,100
13:24:01	637.10	1,912
13:24:24	637.10	2,536
13:25:11	636.90	443
13:25:11	636.90	1,025
13:25:56	636.80	1,644
13:26:35	636.90	1,144
13:26:39	636.50	2,641
13:26:40	636.50	1,543
13:26:41	636.40	687
13:26:41	636.40	893
13:26:49	636.10	51
13:26:49	636.10	1,168
13:26:50	636.10	832
13:26:50	636.10	316
13:26:52	636.00	600
13:26:52	636.00	641

13:26:58	635.80	1,699
13:26:58	635.70	1,705
13:27:03	635.60	701
13:27:03	635.60	1,661
13:27:03	635.60	1,255
13:27:07	635.10	1,891
13:27:18	634.90	2,000
13:27:18	634.90	547
13:27:44	635.10	1,294
13:27:45	635.10	1,294
13:27:48	635.00	598
13:27:48	635.00	3,918
13:27:48	635.00	142
13:27:48	635.00	1,020
13:27:51	635.20	394
13:27:51	635.20	5,016
13:28:12	635.10	45
13:28:12	635.10	2,000
13:28:12	635.10	696
13:28:12	635.10	1,202
13:28:15	635.10	798
13:28:30	635.20	1,665
13:28:45	635.10	1,276
13:29:10	635.30	1,276
13:29:14	635.30	400
13:29:14	635.30	250
13:29:14	635.30	738
13:29:35	635.20	913
13:29:42	635.10	4,197
13:29:42	635.10	2,000
13:29:42	635.10	297
13:29:55	634.90	1,615
13:30:32	635.10	1,559
13:30:33	635.10	1,183
13:30:38	635.00	633
13:30:38	635.00	606
13:30:38	634.90	2,000
13:30:38	635.00	370
13:31:04	634.90	1,713
13:31:20	634.90	1,974
13:31:25	634.70	1,900
13:31:25	634.70	1,123
13:32:03	634.60	2,347
13:32:10	634.60	1,610
13:32:37	634.40	2,123
13:33:30	634.60	1,270
13:33:31	634.60	2,000
13:33:31	634.60	883
13:33:31	634.60	1,463
13:33:44	634.40	3,623

13:34:00	634.50	3,669
13:34:00	634.50	1,889
13:34:03	634.50	1,307
13:34:32	634.60	1,835
13:34:33	634.60	1,362
13:34:33	634.50	1,476
13:35:02	634.50	1,482
13:35:35	633.90	4,791
13:35:36	633.90	250
13:35:36	633.90	2,225
13:35:36	633.90	180
13:35:36	633.90	15
13:36:02	634.10	3,815
13:36:02	634.10	664
13:36:02	634.10	1,323
13:36:20	633.90	657
13:36:30	633.90	2,760
13:36:30	633.90	1,266
13:36:30	633.80	1,339
13:36:31	633.70	2,000
13:36:31	633.70	256
13:36:44	633.80	643
13:36:44	633.80	270
13:36:44	633.80	1,795
13:37:09	634.50	1,279
13:37:10	634.40	712
13:37:31	634.40	2,214
13:37:33	634.40	2,000
13:37:34	634.40	2,000
13:37:34	634.40	346
13:37:35	634.30	1,584
13:37:54	634.30	2,000
13:38:04	634.20	3,908
13:38:05	634.10	2,769
13:38:05	634.10	783
13:38:05	634.10	673
13:38:05	634.10	24
13:38:34	634.40	1,718
13:39:15	634.70	250
13:39:15	634.70	2,000
13:39:16	634.70	2,000
13:39:18	634.80	1,457
13:39:21	634.80	341
13:39:22	634.80	1,465
13:39:29	634.80	1,992
13:39:34	634.70	1,097
13:39:46	634.80	533
13:39:46	634.80	687
13:40:03	635.00	250
13:40:03	635.00	1,308

13:40:33	634.60	2,000
13:40:33	634.60	1,084
13:40:35	634.50	1,707
13:41:02	634.70	691
13:41:03	634.70	742
13:41:20	634.90	2,000
13:41:20	634.90	1,200
13:41:20	634.90	1,131
13:41:20	634.90	108
13:41:22	634.80	741
13:41:22	634.80	2,915
13:41:22	634.70	2,000
13:41:22	634.70	9
13:41:27	634.60	3,709
13:41:39	634.50	1,347
13:41:39	634.50	1,477
13:41:44	634.40	1,155
13:42:08	634.60	2,000
13:42:09	634.60	2,383
13:42:10	634.60	2,000
13:42:10	634.60	1,400
13:42:10	634.60	234
13:42:38	634.70	1
13:43:22	635.00	1,319
13:43:22	635.00	579
13:43:25	634.90	1,599
13:43:32	634.90	2,811
13:43:55	634.70	478
13:43:55	634.70	1,337
13:44:22	634.40	1,200
13:44:22	634.40	226
13:44:42	634.40	2,781
13:44:54	634.40	2
13:44:56	634.40	1,778
13:45:31	634.40	2,682
13:46:29	634.40	2,360
13:46:52	634.50	3,081
13:46:52	634.50	31
13:47:07	634.60	3,260
13:47:07	634.60	154
13:47:46	634.40	1,234
13:47:46	634.40	1,609
13:48:32	634.40	1,573
13:48:32	634.40	455
13:49:25	634.50	3,457
13:50:08	634.60	1,600
13:50:08	634.60	1,059
13:50:18	634.60	1,282
13:50:32	634.30	2,404
13:51:53	634.40	3,423

13:52:16	634.20	1,355
13:52:16	634.20	1,100
13:52:16	634.20	192
13:52:50	634.30	1,271
13:54:12	634.30	1,548
13:54:13	634.30	2,000
13:54:13	634.30	14
13:54:42	634.10	1,579
13:54:43	634.00	250
13:54:43	634.00	1,023
13:55:02	634.00	561
13:55:02	634.00	1,685
13:55:14	633.90	1,259
13:55:42	633.80	291
13:55:42	633.80	672
13:55:42	633.80	2,878
13:55:51	633.70	1,803
13:56:14	633.70	2,131
13:57:04	633.90	1,305
13:57:36	634.10	1,338
13:57:36	634.10	1,356
13:57:51	634.00	1,444
13:58:30	633.90	1,801
13:58:31	633.90	1,855
13:58:48	633.80	2,884
13:59:33	633.90	1,454
13:59:33	633.80	1,409
13:59:33	633.80	1,649
14:00:12	634.20	1,235
14:00:13	634.20	1,300
14:00:13	634.20	1,217
14:00:28	634.20	2,000
14:00:28	634.20	1,742
14:00:28	634.20	732
14:01:22	634.30	71
14:01:23	634.30	3,823
14:01:23	634.30	1,849
14:01:58	634.40	3,603
14:01:58	634.40	1,277
14:02:16	634.60	1,378
14:02:16	634.60	1,467
14:02:21	634.60	2,173
14:02:21	634.60	1,174
14:02:50	634.60	2,000
14:04:00	635.00	1,142
14:04:20	635.00	1,305
14:04:20	635.00	1,433
14:04:20	635.00	1,766
14:04:20	635.00	1,334
14:04:22	634.80	1,110

14:04:23	634.80	80
14:04:25	634.80	683
14:04:57	634.80	1,040
14:04:57	634.80	725
14:07:05	635.10	2,856
14:07:05	635.10	2,000
14:07:05	635.10	6
14:07:11	635.00	123
14:07:11	635.00	1,413
14:08:51	634.90	567
14:08:51	634.90	1,765
14:08:51	634.90	1,157
14:09:04	634.70	1,294
14:10:01	634.40	3,671
14:10:51	634.10	1,884
14:10:53	634.10	1,641
14:11:55	634.40	2,397
14:12:12	634.40	282
14:12:12	634.40	1,791
14:12:12	634.40	1,444
14:12:14	634.30	2,401
14:12:30	634.20	1,231
14:13:08	634.20	1,189
14:14:35	634.60	1,614
14:14:42	634.60	1,566
14:14:42	634.60	1,400
14:14:42	634.60	211
14:14:56	634.60	1,474
14:15:21	634.60	1,521
14:15:54	634.50	336
14:15:54	634.50	1,222
14:16:10	634.50	1,324
14:17:50	634.60	1,835
14:18:45	634.50	1,437
14:18:59	634.60	458
14:18:59	634.60	308
14:18:59	634.60	3,653
14:19:00	634.60	731
14:19:03	634.60	94
14:20:28	635.10	1,721
14:20:28	635.10	617
14:20:28	635.10	272
14:20:28	635.10	996
14:20:29	635.00	2,446
14:20:29	635.00	1,464
14:21:38	634.90	2,005
14:21:38	634.90	2,152
14:21:38	634.90	1,407
14:22:34	635.00	4,161
14:22:34	635.00	1,522

14:22:57	635.00	542
14:22:57	635.00	1,200
14:22:57	635.00	738
14:24:28	635.00	2,000
14:24:28	635.00	1,120
14:24:28	635.00	277
14:24:31	634.90	1,120
14:24:31	634.90	783
14:24:31	634.90	228
14:24:45	634.50	1,575
14:24:53	634.60	2,000
14:25:29	634.30	1,995
14:25:29	634.30	419
14:25:54	634.20	2,000
14:25:54	634.20	948
14:25:54	634.20	373
14:26:06	634.10	3,198
14:26:28	634.10	3,767
14:27:04	634.00	595
14:27:04	634.00	945
14:27:04	634.00	2,214
14:27:45	633.80	3,351
14:28:05	633.50	2,000
14:28:05	633.50	2,078
14:28:05	633.50	1,424
14:28:05	633.40	2,000
14:28:05	633.40	2,000
14:28:05	633.40	3,655
14:28:06	633.40	4,027
14:28:06	633.40	825
14:28:20	633.50	2,000
14:28:21	633.50	2,052
14:29:11	633.50	2,000
14:29:12	633.50	1,466
14:29:17	633.30	680
14:29:17	633.30	583
14:29:21	633.30	1,417
14:29:48	633.10	2,613
14:29:48	633.10	1,973
14:29:49	633.10	1,378
14:30:00	633.10	2,129
14:30:00	633.10	1,195
14:30:00	633.10	836
14:30:05	633.10	1,764
14:30:05	632.90	1,415
14:30:06	632.80	2,568
14:30:06	632.80	2,101
14:30:18	632.60	438
14:30:18	632.60	884
14:30:55	633.00	2,097

14:31:00	633.00	2,000
14:31:00	633.00	1,197
14:31:00	633.00	918
14:31:05	633.00	1,650
14:31:09	633.00	1,591
14:31:24	633.20	1,222
14:32:02	633.70	2,000
14:32:06	633.70	2,000
14:32:06	633.70	82
14:32:14	633.70	1,537
14:32:18	633.60	1,602
14:32:21	633.40	2,000
14:32:21	633.40	864
14:32:21	633.40	1,917
14:32:22	633.40	2,000
14:32:22	633.40	414
14:32:26	633.20	1,958
14:32:26	633.20	191
14:32:27	632.90	500
14:32:27	632.90	1,869
14:32:28	632.80	713
14:32:28	632.80	573
14:32:29	632.80	760
14:32:29	632.80	826
14:32:30	632.80	249
14:32:30	632.80	3,149
14:32:30	632.80	200
14:32:30	632.80	49
14:32:42	632.80	523
14:32:43	632.80	3,273
14:32:43	632.80	1,236
14:32:56	632.70	1,591
14:32:56	632.70	1,322
14:32:59	632.60	886
14:32:59	632.60	1,268
14:33:00	632.60	1,208
14:33:38	633.10	4,638
14:33:38	633.10	379
14:33:38	633.10	1,500
14:33:38	633.10	130
14:33:43	632.90	2,000
14:33:43	632.90	947
14:33:43	632.90	783
14:33:43	632.90	607
14:33:51	633.00	1,514
14:34:13	632.90	3,611
14:34:41	632.80	500
14:34:45	632.80	846
14:34:50	632.80	1,265
14:34:54	632.90	1,234



14:35:09	633.10	2,246
14:35:09	633.10	1,169
14:35:28	632.80	1,591
14:35:28	632.80	940
14:35:28	632.80	354
14:35:28	632.80	1,101
14:35:28	632.80	489
14:35:55	632.70	2,114
14:36:00	632.70	1,219
14:36:21	632.80	4,073
14:36:22	632.70	933
14:36:22	632.70	821
14:36:22	632.60	683
14:36:22	632.60	596
14:36:38	632.40	1,270
14:36:38	632.40	544
14:36:40	632.40	2,189
14:37:13	632.60	1,839
14:37:13	632.60	2,361
14:37:14	632.30	325
14:37:14	632.30	893
14:37:14	632.30	2,084
14:37:14	632.30	500
14:37:14	632.30	1,028
14:37:15	632.30	3,973
14:37:16	632.20	1,305
14:37:25	632.20	1,816
14:37:38	632.20	4,610
14:37:38	632.20	2,000
14:37:38	632.20	1,529
14:37:44	632.10	1,349
14:37:44	632.10	955
14:37:55	632.00	1,285
14:38:05	631.90	2,000
14:38:05	631.90	14
14:38:10	631.80	1,959
14:39:03	632.30	2,000
14:39:03	632.30	513
14:39:03	632.30	351
14:39:03	632.30	1,200
14:39:03	632.30	650
14:39:13	632.40	300
14:39:13	632.40	1,223
14:39:13	632.40	1,180
14:39:25	632.30	199
14:39:25	632.30	3,637
14:39:25	632.30	334
14:39:31	632.20	1,600
14:39:31	632.20	860
14:39:53	632.20	500

14:39:53	632.20	1,500
14:39:53	632.20	821
14:40:17	632.40	164
14:40:17	632.40	2,548
14:40:18	632.30	1,394
14:40:21	632.30	2,638
14:40:21	632.30	160
14:40:49	632.40	140
14:40:49	632.40	200
14:40:49	632.40	196
14:40:49	632.40	700
14:41:02	632.50	1,338
14:41:15	632.50	1,100
14:41:15	632.50	3,090
14:41:15	632.40	2,000
14:41:15	632.50	1,205
14:41:43	632.30	3,253
14:41:50	632.50	1,436
14:42:06	632.60	1,229
14:42:16	632.60	200
14:42:16	632.60	200
14:42:17	632.60	2,000
14:42:17	632.60	323
14:42:36	632.60	2,000
14:42:42	632.50	2,000
14:42:42	632.50	1,682
14:42:42	632.50	650
14:43:00	632.50	1,566
14:43:05	632.50	28
14:43:05	632.50	1,190
14:43:10	632.40	200
14:43:10	632.40	2,380
14:43:10	632.30	1,501
14:43:12	632.20	1,255
14:43:15	632.20	117
14:43:15	632.20	1,259
14:43:15	632.20	1,376
14:43:33	632.30	1,223
14:43:33	632.30	2,198
14:44:02	632.20	1,666
14:44:33	632.00	1,162
14:44:33	632.00	2,000
14:44:33	632.00	1,445
14:44:33	631.90	1,134
14:44:33	631.90	365
14:44:55	632.00	1,661
14:45:08	632.00	1,326
14:45:08	632.00	1,109
14:45:08	632.00	1,151
14:45:12	631.70	2,964

14:45:21	631.70	1,154
14:45:21	631.70	1,500
14:45:21	631.70	570
14:45:31	631.80	3,005
14:45:41	631.90	1,135
14:45:41	631.90	1,493
14:46:02	631.70	2,000
14:46:02	631.70	835
14:46:02	631.70	25
14:46:11	631.60	2,398
14:46:11	631.60	1,216
14:46:19	631.60	1,293
14:46:19	631.60	578
14:46:35	631.50	2,831
14:46:35	631.40	1,409
14:46:52	631.30	2,595
14:46:52	631.30	149
14:47:06	631.30	1,917
14:47:06	631.30	99
14:47:23	631.40	1,153
14:47:23	631.40	1,366
14:47:23	631.40	1,153
14:48:07	631.50	1,142
14:48:20	631.40	2,847
14:48:35	631.40	4,967
14:48:35	631.40	2,000
14:48:35	631.40	249
14:48:35	631.40	1,496
14:48:39	631.40	1,017
14:48:39	631.40	997
14:49:43	631.40	150
14:49:43	631.40	200
14:49:43	631.40	200
14:50:07	631.40	2,424
14:50:07	631.40	1,162
14:50:31	631.40	1,164
14:50:31	631.40	182
14:50:33	631.20	1,755
14:50:33	631.20	245
14:50:33	631.20	1,164
14:50:33	631.20	783
14:50:33	631.20	260
14:51:04	631.00	3,134
14:51:13	630.90	906
14:51:13	630.90	533
14:51:13	630.80	2,786
14:51:13	630.80	237
14:51:14	630.80	1,570
14:51:14	630.80	1,078
14:51:51	630.90	1,671

14:52:02	631.10	1,600
14:52:02	631.10	2,000
14:52:02	631.10	834
14:52:04	631.20	2,385
14:52:07	631.30	1,035
14:52:07	631.30	905
14:52:08	631.30	1,232
14:52:21	631.30	1,349
14:52:21	631.30	813
14:52:21	631.30	1,300
14:52:34	631.20	4,393
14:52:47	631.10	1,071
14:52:47	631.10	652
14:52:48	631.10	1,500
14:52:48	631.10	831
14:52:48	631.10	1,688
14:54:08	630.90	658
14:54:08	630.90	597
14:54:08	630.90	1,100
14:54:27	630.90	388
14:54:35	631.10	1,182
14:54:35	631.10	1,465
14:54:36	631.10	2,000
14:54:36	631.10	969
14:54:38	631.10	1,515
14:54:56	631.00	1,778
14:55:47	631.20	2,178
14:55:47	631.20	200
14:55:47	631.20	2,000
14:55:47	631.20	976
14:56:20	631.40	1,296
14:56:38	631.50	1,996
14:56:38	631.50	1,600
14:56:38	631.50	557
14:56:41	631.50	1,500
14:57:07	631.60	1,185
14:57:20	631.70	2,595
14:57:20	631.70	1,225
14:57:25	631.70	1,196
14:58:15	631.80	4,028
14:58:57	631.90	2,000
14:58:57	631.90	141
14:58:58	631.80	1,706
14:58:58	631.80	350
14:58:58	631.80	1,356
14:59:01	631.80	447
14:59:02	631.80	470
14:59:02	631.80	1,945
14:59:02	631.80	758
14:59:02	631.80	40

14:59:37	631.90	2,775
14:59:37	631.90	1,181
15:00:04	631.80	704
15:00:04	631.80	1,199
15:00:04	631.80	2,135
15:00:04	631.80	329
15:00:04	631.80	1,153
15:00:04	631.80	2,000
15:00:04	631.80	251
15:00:18	631.90	206
15:00:18	631.90	4,461
15:00:18	631.90	1,436
15:01:03	632.30	1,077
15:01:09	632.40	3,088
15:01:16	632.30	1,939
15:01:16	632.30	910
15:01:17	632.30	2,000
15:01:17	632.30	1,300
15:01:17	632.30	21
15:01:20	632.20	1,013
15:01:20	632.20	352
15:01:28	632.20	1,223
15:02:07	632.20	1,357
15:02:39	632.20	2,415
15:02:56	632.10	1,779
15:02:56	632.00	783
15:02:56	632.00	2,000
15:02:56	632.00	277
15:03:04	631.70	1,722
15:03:07	631.70	1,045
15:03:07	631.70	295
15:03:07	631.70	158
15:03:07	631.70	81
15:03:15	631.60	1,238
15:03:22	631.50	268
15:03:22	631.50	2,000
15:03:22	631.50	347
15:03:27	631.50	2,420
15:03:27	631.50	2,383
15:03:27	631.50	2,008
15:03:46	631.60	1,542
15:03:46	631.60	498
15:04:05	631.30	1,242
15:04:45	631.50	1,852
15:04:55	631.40	2,777
15:05:26	631.60	300
15:05:26	631.60	1,197
15:05:26	631.60	1,471
15:05:26	631.60	672
15:05:26	631.50	2,000

15:05:26	631.50	45
15:05:34	631.60	1,795
15:05:41	631.60	3,047
15:05:42	631.60	1,594
15:05:45	631.60	2,909
15:05:45	631.50	1,282
15:05:51	631.50	1,355
15:05:51	631.50	2,000
15:05:51	631.50	1,422
15:05:59	631.50	1,294
15:06:15	631.50	1,935
15:06:15	631.50	1,334
15:06:25	631.50	806
15:06:25	631.50	1,174
15:06:42	631.30	1,482
15:06:43	631.30	783
15:06:43	631.30	527
15:06:45	631.10	1,239
15:06:46	631.10	1,239
15:07:00	631.00	2,052
15:07:13	630.80	594
15:07:13	630.80	1,176
15:07:15	630.80	1,601
15:07:34	630.80	396
15:07:34	630.80	3,066
15:07:34	630.80	1,000
15:07:34	630.80	510
15:07:49	631.00	2,034
15:07:49	631.00	1,058
15:08:10	631.00	1,140
15:08:21	630.70	1,371
15:08:27	630.50	1,320
15:08:52	630.30	583
15:08:52	630.30	766
15:09:27	630.30	1,056
15:09:27	630.30	1,146
15:09:27	630.30	1,179
15:11:14	630.90	1,280
15:11:21	630.90	2,000
15:11:21	630.90	911
15:11:26	630.80	3,130
15:11:27	630.80	1,764
15:11:27	630.80	574
15:11:37	630.80	1,923
15:11:37	630.80	1,407
15:12:28	630.50	1,106
15:12:28	630.50	544
15:13:08	630.20	150
15:13:08	630.20	200
15:13:08	630.20	200

15:13:08	630.20	200
15:13:08	630.20	200
15:13:08	630.20	200
15:13:08	630.20	600
15:13:22	630.40	413
15:13:23	630.40	1,640
15:13:51	630.30	1,200
15:13:51	630.30	1,953
15:13:51	630.30	1,600
15:13:51	630.30	888
15:14:35	630.30	62
15:14:35	630.30	282
15:14:35	630.30	1,196
15:14:42	630.30	435
15:14:42	630.30	94
15:14:42	630.30	71
15:14:59	630.30	10
15:14:59	630.30	1,180
15:14:59	630.30	250
15:16:08	630.20	1,250
15:16:37	630.10	639
15:16:48	629.90	1,049
15:16:49	629.90	3,657
15:16:49	629.90	1,737
15:17:20	629.90	2,666
15:17:20	629.90	1,237
15:17:20	629.90	299
15:18:08	630.40	1,293
15:18:15	630.30	2,872
15:18:15	630.30	372
15:18:17	630.30	972
15:18:17	630.30	1,182
15:18:18	630.40	747
15:18:18	630.40	1,109
15:18:18	630.40	972
15:18:21	630.40	1,109
15:18:21	630.40	754
15:18:28	630.30	2,804
15:18:28	630.20	1,750
15:18:28	630.20	2,843
15:18:37	630.20	3,910
15:18:37	630.20	1,932
15:19:15	630.20	3,082
15:19:25	630.10	2,519
15:20:13	630.30	1,407
15:21:06	630.20	2,123
15:21:06	630.20	795
15:21:09	630.10	1,142
15:21:09	630.10	91
15:21:47	630.20	2,400

15:21:48	630.10	1,176
15:21:52	629.70	2,000
15:21:52	629.70	1,142
15:21:52	629.70	586
15:21:53	629.70	1,242
15:21:56	629.70	2,000
15:21:56	629.70	947
15:22:03	629.70	2,352
15:22:03	629.70	2,126
15:22:04	629.70	4,266
15:22:05	629.60	1,153
15:22:05	629.60	284
15:22:05	629.60	1,139
15:22:53	629.30	3,161
15:24:03	629.40	710
15:24:03	629.40	3,098
15:24:13	629.20	2,000
15:24:13	629.20	681
15:24:49	629.10	1,202
15:24:50	629.00	2,929
15:24:51	629.00	1,139
15:24:58	628.90	4,603
15:25:00	628.70	1,799
15:25:00	628.70	1,305
15:25:19	628.70	1,447
15:25:52	629.10	136
15:25:53	629.10	235
15:26:23	629.10	4,561
15:26:23	629.10	3,748
15:26:23	629.10	1,583
15:26:35	629.20	1,307
15:26:35	629.20	693
15:26:35	629.20	758
15:26:35	629.20	632
15:27:06	629.40	2,649
15:27:15	629.50	4,700
15:27:22	629.40	2,954
15:27:22	629.40	1,500
15:27:22	629.40	367
15:27:26	629.30	2,400
15:27:26	629.30	1,259
15:27:27	629.30	2,434
15:27:32	629.20	1,334
15:27:35	629.00	1,288
15:28:00	629.00	1,587
15:28:24	629.40	2,007
15:28:36	629.40	850
15:28:36	629.40	2,925
15:28:45	629.40	618
15:29:11	629.50	1,125



15:29:11	629.50	119
15:29:26	629.40	1,970
15:29:29	629.40	1,341
15:29:40	629.50	2,074
15:30:41	629.60	1,700
15:30:41	629.60	1,200
15:30:41	629.60	383
15:31:37	629.70	1,123
15:31:37	629.70	1,303
15:31:38	629.70	1,016
15:31:38	629.70	999
15:31:38	629.70	510
15:32:24	629.50	1,634
15:32:24	629.50	103
15:33:39	629.90	71
15:33:52	630.00	1,000
15:34:12	630.10	2,363
15:34:14	630.00	1,710
15:34:23	630.00	2,000
15:34:23	630.00	637
15:34:25	629.90	3,181
15:34:33	629.70	1,383
15:34:47	629.90	954
15:34:47	629.90	1,200
15:34:48	629.90	325
15:34:51	629.90	1,000
15:34:51	629.90	2,228
15:34:51	629.90	990
15:34:51	629.90	1,200
15:34:51	629.90	1,307
15:35:06	629.90	956
15:35:06	629.90	283
15:35:13	629.70	1,810
15:35:51	629.80	833
15:35:51	629.80	3,726
15:36:09	629.70	1,157
15:36:09	629.70	388
15:36:44	629.80	1,186
15:36:44	629.80	84
15:36:46	629.80	1,186
15:36:46	629.80	1,100
15:37:09	629.60	3,354
15:37:10	629.50	1,833
15:37:30	629.50	1,475
15:37:30	629.50	2,198
15:37:30	629.50	1,217
15:37:41	629.30	1,690
15:37:49	629.40	1,884
15:37:51	629.40	1,360
15:37:51	629.40	3,217

15:37:51	629.40	1,380
15:37:57	629.40	1,197
15:37:57	629.40	1,835
15:38:11	629.50	1,309
15:38:11	629.50	469
15:38:12	629.50	1,065
15:38:12	629.50	636
15:38:15	629.50	1,672
15:38:24	629.60	4,129
15:38:27	629.50	2,629
15:38:33	629.50	1,400
15:38:39	629.50	1,587
15:38:40	629.50	722
15:39:32	629.70	182
15:39:32	629.70	985
15:39:37	629.70	390
15:39:38	629.70	4,324
15:39:38	629.70	3,775
15:39:54	629.70	1,694
15:40:58	629.60	847
15:41:00	629.60	699
15:41:00	629.60	598
15:41:00	629.60	741
15:41:00	629.60	500
15:41:00	629.60	715
15:41:04	629.60	1,199
15:41:55	629.80	140
15:41:55	629.80	2,870
15:41:55	629.80	1,009
15:41:55	629.80	159
15:42:18	629.70	1,000
15:42:18	629.70	462
15:42:20	629.60	1,871
15:42:54	629.70	4,486
15:43:21	629.90	253
15:43:21	629.90	4,123
15:44:01	630.00	1,500
15:44:01	630.00	1,200
15:44:01	630.00	873
15:44:10	630.00	1,343
15:44:10	630.00	1,326
15:45:05	630.10	911
15:45:05	630.10	1,871
15:45:06	630.10	1,633
15:45:20	629.80	654
15:45:21	629.80	3,257
15:45:28	629.70	100
15:45:42	629.70	1,399
15:46:18	629.60	1,485
15:46:23	629.40	1,439

15:48:43	629.70	3,746
15:48:43	629.70	2,000
15:48:43	629.70	91
15:49:28	629.70	3,226
15:49:53	629.70	344
15:49:59	629.70	822
15:50:46	630.10	398
15:50:46	630.10	2,264
15:50:49	630.00	1,942
15:50:49	630.00	492
15:50:49	630.00	1,109
15:51:01	630.00	1,572
15:52:20	630.40	1,274
15:52:25	630.30	441
15:52:25	630.30	2,191
15:52:58	630.30	1,271
15:53:40	630.40	1,000
15:53:40	630.40	1,215
15:53:45	630.40	3,218
15:53:56	630.40	1,600
15:53:56	630.40	1,056
15:54:00	630.30	2,000
15:54:00	630.30	190
15:54:41	630.50	1,300
15:54:41	630.50	2,000
15:54:41	630.60	578
15:55:18	630.90	280
15:55:18	630.90	3,050
15:55:30	630.90	2,453
15:55:31	630.90	1,209
15:56:37	631.00	2,344
15:58:28	631.20	3,965
15:58:37	630.90	3,880
15:58:54	631.00	1,287
15:58:54	631.00	2,025
15:58:57	630.90	986
15:58:57	630.90	401
15:59:56	631.00	1,681
16:00:10	631.00	1,105
16:00:10	631.00	972
16:00:12	631.00	1,387
16:00:32	631.10	138
16:00:32	631.10	490
16:00:32	631.10	987
16:00:32	631.10	53
16:00:32	631.10	63
16:01:09	631.00	51
16:01:09	631.00	537
16:01:11	631.00	926
16:01:11	631.00	153

16:01:17	631.00	2,857
16:01:32	631.10	257
16:01:45	631.10	270
16:01:55	631.10	1,138
16:01:55	631.10	1,121
16:01:55	631.10	1,300
16:01:55	631.10	365
16:02:28	631.10	500
16:02:28	631.10	740
16:03:29	631.20	2,615
16:03:45	631.20	1,238
16:04:10	631.30	620
16:04:28	631.50	1,145
16:04:39	631.50	3,208
16:04:40	631.50	383
16:04:40	631.50	2,000
16:04:40	631.50	41
16:05:33	631.80	500
16:05:33	631.80	80
16:05:33	631.80	508
16:05:33	631.80	596
16:05:36	631.80	4,336
16:05:37	631.80	254
16:05:37	631.80	2,283
16:05:37	631.80	288
16:05:43	631.80	1,202
16:06:08	631.90	1,509
16:06:20	632.00	2,506
16:06:21	632.00	1,209
16:06:37	632.00	2,675
16:07:01	632.00	2,383
16:07:07	632.00	543
16:07:07	632.00	661
16:07:07	632.00	84
16:07:13	631.90	3,678
16:07:15	631.90	336
16:07:20	631.90	200
16:07:20	631.90	486
16:07:20	631.90	545
16:07:21	631.90	68
16:07:22	631.90	500
16:07:22	631.90	1,164
16:07:22	631.90	572
16:08:39	632.20	1,697
16:09:04	632.10	2,573
16:09:05	632.00	1,000
16:09:05	632.00	1,000
16:09:05	632.10	310
16:09:39	632.40	3,772
16:09:39	632.40	650

16:09:39	632.40	956
16:09:40	632.40	1,186
16:10:10	632.40	656
16:10:11	632.50	314
16:10:11	632.50	194
16:10:15	632.50	790
16:10:15	632.50	576
16:11:03	632.50	1,407
16:11:56	632.80	1,453
16:11:56	632.80	1,547
16:12:36	633.10	1,436
16:12:36	633.10	274
16:12:42	633.20	313
16:12:42	633.20	1,500
16:12:42	633.20	122
16:12:42	633.20	378
16:12:42	633.20	420
16:12:42	633.20	501
16:12:44	633.20	1,432
16:12:53	633.10	3,060
16:12:54	633.10	1,469
16:12:56	632.90	1,746
16:12:59	632.90	1,149
16:13:00	632.90	547
16:13:00	632.90	3,600
16:13:00	632.90	78
16:13:00	632.90	1,330
16:13:06	633.00	1,154
16:13:06	633.00	628
16:13:09	633.00	1,542
16:13:09	633.00	500
16:13:09	633.00	2,000
16:13:09	633.00	147
16:13:23	633.10	1,323
16:13:23	633.10	295
16:14:23	633.00	39
16:14:32	633.00	99
16:14:55	633.00	508
16:14:55	633.00	508
16:14:59	633.10	240
16:14:59	633.10	319
16:14:59	633.10	196
16:14:59	633.10	409
16:15:30	633.20	2,553
16:15:30	633.20	1,269
16:15:37	633.10	1,489
16:15:37	633.10	1,580
16:15:43	633.00	1,301
16:15:44	633.00	2,432
16:15:44	633.00	1,035

16:15:44	633.00	764
16:17:37	633.10	384
16:17:52	633.00	833
16:18:10	633.00	2,432
16:18:11	633.00	956
16:18:11	633.00	1,505
16:18:11	633.00	508
16:18:11	633.00	828
16:18:15	632.90	1,409
16:19:00	632.70	658
16:19:12	632.70	1,652
16:19:23	632.60	2,320
16:19:59	632.60	1,849

This announcement will also be available on HSBC's website at [www.hsbc.com/sea](http://www.hsbc.com/sea)

Enquiries to:

Lauren Brown  
Shareholder Services Team  
+ 44 (0) 207 992 3761