

# HSBC HOLDINGS PLC



16 September 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:	16 September 2016
Number of ordinary shares of US\$0.50 each purchased:	2,772,075
Highest price paid per share:	£5.7060
Lowest price paid per share:	£5.6500
Volume weighted average price paid per share:	£5.6752

Following the purchase of these shares, the Company holds 83,058,385 of its ordinary shares in treasury and has 19,842,442,869 ordinary shares in issue (excluding treasury shares). Therefore the total voting rights in HSBC Holdings plc is 19,842,442,869. 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>
08:01:13	567.10	699
08:01:13	567.10	955
08:01:56	567.10	1,285
08:03:01	566.70	1,341
08:03:39	566.90	1,126
08:03:39	566.90	923
08:05:03	566.70	4,150
08:05:20	567.00	836
08:05:21	567.00	2,384
08:05:21	567.00	1,375
08:05:24	566.90	509
08:05:24	566.90	768
08:06:35	567.00	1,940
08:06:35	567.00	1,936
08:07:00	567.00	646
08:07:07	568.80	4,818
08:07:32	566.80	5,467
08:07:32	566.80	283
08:07:33	566.80	2,197
08:07:59	566.70	800
08:07:59	566.70	2,000
08:08:19	566.90	1,354
08:08:19	566.90	160
08:08:27	566.70	4,812
08:08:27	566.90	128
08:08:27	566.90	1,085

08:10:18	568.00	4,543
08:10:34	567.80	2,881
08:10:46	567.80	1,289
08:10:46	567.80	1,566
08:10:59	567.70	200
08:10:59	567.70	1,059
08:11:44	567.60	4,739
08:11:44	567.60	2,642
08:12:05	567.40	1,184
08:12:19	567.60	1,400
08:12:19	567.60	1,360
08:13:28	568.00	2,000
08:13:28	568.00	2,809
08:13:33	567.90	117
08:13:33	567.90	1,898
08:13:37	567.90	1,336
08:13:47	567.80	1,176
08:13:47	567.80	163
08:14:21	567.70	1,999
08:15:16	567.70	1,816
08:15:49	567.80	1,733
08:15:49	567.80	403
08:15:59	567.60	1,332
08:16:02	567.30	5,750
08:16:04	567.30	2,000
08:16:04	567.30	913
08:16:24	567.30	100
08:16:24	567.30	1,819
08:16:40	567.20	1,694
08:17:00	567.50	21
08:17:00	567.60	3,586
08:17:00	567.60	37
08:17:34	568.60	3,569
08:17:37	568.60	500
08:17:38	568.60	775
08:17:40	568.80	5,333
08:18:03	569.10	598
08:18:05	568.90	4,036
08:18:05	568.90	1,714
08:18:05	568.90	1,299
08:18:22	568.90	1,200
08:18:27	568.90	255
08:18:30	568.90	2,216
08:19:11	569.10	2,581
08:20:12	568.80	1,467
08:20:30	568.20	981
08:20:38	568.20	314
08:20:38	568.20	2,196
08:20:38	568.20	1,073
08:20:59	568.50	1,193

08:21:02	568.40	1,246
08:21:11	568.60	1,243
08:21:47	568.90	156
08:21:47	568.90	1,478
08:22:07	568.80	256
08:22:07	568.80	1,677
08:22:17	568.70	548
08:22:17	568.70	769
08:23:00	569.00	1,209
08:23:34	568.90	302
08:23:34	568.90	993
08:24:44	569.00	1,538
08:25:06	569.00	2,176
08:25:16	568.90	2,094
08:25:16	568.90	31
08:25:26	569.00	1,248
08:26:09	569.00	1,272
08:26:28	568.90	2,133
08:26:33	568.80	1,870
08:26:40	568.90	1,294
08:27:02	569.00	1,525
08:27:23	568.80	1,206
08:28:42	569.80	2,000
08:29:22	570.40	4,610
08:29:28	570.30	176
08:29:33	570.30	2,316
08:29:38	570.20	1,178
08:29:50	570.10	1,253
08:29:50	570.10	811
08:29:55	570.00	1,810
08:30:01	569.90	1,272
08:30:01	569.80	1,190
08:30:15	569.60	686
08:30:15	569.60	626
08:30:19	569.60	732
08:30:19	569.60	779
08:30:30	569.60	1,364
08:30:32	569.60	1,222
08:30:32	569.60	1,458
08:30:56	569.90	1,390
08:30:56	569.90	1,767
08:31:09	570.10	5,637
08:31:26	570.00	571
08:31:26	570.00	2,077
08:31:55	570.00	835
08:32:50	570.10	4,395
08:33:21	570.20	1,436
08:33:34	570.00	1,278
08:33:44	569.90	300
08:33:50	569.80	921

08:33:50	569.80	221
08:33:50	569.80	16
08:35:01	570.00	1,194
08:35:01	570.00	1,157
08:35:27	570.00	240
08:35:27	570.00	1,198
08:35:37	569.50	377
08:35:39	569.60	2,000
08:35:39	569.60	1,000
08:35:47	569.40	1,654
08:36:04	569.50	3,890
08:36:04	569.50	1,463
08:36:22	569.30	1,192
08:36:34	569.10	1,257
08:36:42	569.00	1,222
08:36:43	569.00	1,242
08:36:53	569.10	1,000
08:36:53	569.10	1,933
08:37:07	569.00	1,206
08:37:40	569.30	1,177
08:37:41	569.30	1,755
08:38:46	569.20	4,144
08:39:03	569.40	1,286
08:39:25	569.50	44
08:39:25	569.50	1,561
08:39:25	569.50	44
08:39:54	569.70	1,436
08:40:13	569.80	605
08:40:13	569.80	789
08:40:35	569.80	289
08:40:35	569.80	1,382
08:41:00	570.20	1,107
08:41:00	570.20	195
08:42:33	570.60	718
08:42:33	570.60	525
08:42:41	570.40	1,243
08:43:16	570.40	1,623
08:44:17	570.10	1,221
08:45:02	570.10	1,279
08:45:59	570.40	1,000
08:45:59	570.40	924
08:46:10	570.40	1,393
08:46:29	570.20	3,276
08:46:29	570.20	314
08:46:47	570.30	1,231
08:48:09	569.30	4,555
08:50:09	569.20	242
08:50:09	569.20	3,116
08:50:09	569.20	902
08:50:47	569.40	1,412

08:52:44	568.70	4,074
08:52:44	568.70	428
08:52:50	568.70	1,331
08:53:50	568.60	5,750
08:55:03	568.40	4,761
08:55:13	568.20	5,750
08:55:59	568.10	5,750
08:57:49	568.40	5,750
08:58:16	568.00	805
08:58:16	568.00	1,402
08:58:19	568.10	2,474
08:59:15	568.30	246
08:59:15	568.30	1,000
08:59:26	568.00	4,449
08:59:26	568.00	72
09:00:22	567.90	2,308
09:00:30	567.90	1,000
09:00:30	567.90	2,367
09:01:51	567.50	4,740
09:01:51	567.50	1,010
09:01:52	567.50	916
09:01:52	567.50	477
09:03:58	567.60	2,000
09:03:58	567.60	1,000
09:04:03	567.60	943
09:05:06	567.70	1,000
09:05:06	567.70	394
09:05:11	567.70	1,000
09:05:11	567.70	1,400
09:05:22	567.60	2,000
09:05:22	567.60	465
09:05:41	567.20	3,966
09:05:43	567.30	1,818
09:07:07	567.70	2,000
09:07:12	567.80	2,000
09:07:12	567.80	1,000
09:07:42	567.90	1,102
09:07:42	567.90	3,930
09:07:45	567.90	694
09:09:09	568.10	1,410
09:09:09	568.10	2,494
09:10:31	568.30	4,649
09:14:50	568.10	2,269
09:14:58	568.10	3,481
09:14:59	568.10	1,000
09:14:59	568.10	593
09:17:22	568.10	1,459
09:17:22	568.10	2,563
09:17:54	568.20	1,730
09:20:00	568.10	1,800

09:20:02	568.10	2,396
09:20:02	568.10	1,211
09:21:23	568.30	1,339
09:21:23	568.30	2,906
09:21:37	568.30	1,544
09:23:11	568.20	3,074
09:23:11	568.20	1,243
09:23:12	568.20	1,000
09:23:12	568.20	306
09:24:54	568.20	4,695
09:27:21	568.10	760
09:27:21	568.10	3,600
09:27:26	568.10	2,000
09:29:01	568.00	367
09:29:01	568.00	1,205
09:29:01	568.00	1,100
09:29:01	568.00	1,100
09:29:01	568.00	981
09:29:12	567.90	1,156
09:30:57	568.00	4,528
09:31:09	568.00	405
09:31:09	568.00	767
09:34:01	567.80	142
09:34:25	567.60	3,489
09:34:25	567.60	1,372
09:34:25	567.60	889
09:34:50	567.40	2,164
09:34:50	567.40	3,586
09:35:30	567.60	1,693
09:35:30	567.60	1,000
09:35:30	567.60	1,200
09:35:30	567.60	1,300
09:35:30	567.60	476
09:36:13	567.80	1,013
09:36:17	567.80	2,000
09:36:17	567.80	300
09:36:22	567.80	2,000
09:36:55	567.80	2,000
09:36:55	567.80	1,000
09:36:55	567.80	2,220
09:37:14	567.70	2,000
09:37:19	567.80	2,666
09:37:20	567.80	1,300
09:37:40	567.70	4,632
09:37:43	567.70	1,118
09:38:33	567.70	4,626
09:38:33	567.70	910
09:38:52	567.60	1,196
09:39:02	567.70	2,000
09:39:02	567.70	1,000

09:39:03	567.70	1,241
09:39:03	567.70	1,400
09:40:36	567.80	750
09:41:14	567.80	2,110
09:41:29	567.90	2,000
09:41:29	567.90	1,000
09:41:29	567.90	787
09:42:15	567.90	2,000
09:43:04	568.20	5,537
09:43:04	568.20	2,560
09:43:04	568.20	1,000
09:43:04	568.20	623
09:44:45	567.90	1,342
09:44:45	567.90	3,236
09:47:00	568.10	5,152
09:47:29	568.30	1,840
09:50:30	568.20	2,938
09:50:30	568.20	1,599
09:53:29	568.10	2,500
09:53:38	568.10	2,695
09:53:39	568.00	98
09:53:39	568.00	1,095
09:56:15	567.90	1,900
09:56:15	567.90	1,200
09:56:15	567.90	1,000
09:56:15	567.90	363
09:56:29	568.10	150
09:56:29	568.10	1,083
09:56:29	568.10	717
09:58:04	568.10	100
09:58:12	568.10	4,102
09:58:12	568.10	138
09:58:12	568.10	950
09:58:12	568.10	323
10:01:17	568.20	2,900
10:01:17	568.20	2,223
10:04:16	567.80	2,020
10:04:16	567.80	954
10:04:16	567.80	526
10:04:16	567.80	1,268
10:04:16	567.80	1,000
10:04:16	567.80	155
10:05:35	567.60	1,740
10:05:35	567.60	2,910
10:05:35	567.60	981
10:06:58	567.60	1,800
10:06:58	567.60	1,000
10:07:03	567.80	2,000
10:07:03	567.80	56
10:07:03	567.80	1,239

10:07:23	567.80	3,008
10:07:23	567.80	1,183
10:07:23	567.80	1,318
10:09:08	567.60	666
10:09:08	567.60	4,448
10:09:08	567.60	1,243
10:15:28	568.90	1,220
10:15:35	569.40	443
10:15:35	569.40	2
10:15:39	569.30	3,002
10:16:05	569.40	403
10:16:05	569.40	66
10:16:29	569.70	5,022
10:16:29	569.70	717
10:17:00	569.60	5,597
10:17:20	569.20	3,078
10:17:20	569.20	1,782
10:18:26	568.80	5,750
10:18:26	568.80	2,000
10:18:28	568.80	710
10:18:28	568.80	314
10:18:28	568.80	2,726
10:18:47	568.70	1,559
10:18:47	568.70	4,184
10:19:35	568.70	2,000
10:19:35	568.70	1,166
10:19:43	568.80	509
10:19:50	568.80	800
10:19:50	568.80	1,100
10:19:50	568.80	100
10:19:50	568.80	2,000
10:19:50	568.80	921
10:20:00	568.70	1,591
10:20:00	568.70	4,149
10:20:34	568.80	1,000
10:20:34	568.80	1,089
10:20:52	568.70	315
10:20:59	568.70	665
10:21:57	568.90	5,750
10:21:57	568.90	5,750
10:22:02	568.90	1,166
10:22:02	568.90	2,000
10:22:02	568.90	1,000
10:22:02	568.90	2,083
10:22:12	568.90	1,734
10:22:20	568.90	3,447
10:22:53	568.60	5,725
10:23:13	568.70	198
10:23:14	568.70	3,990
10:23:14	568.70	126



10:23:14	568.70	1,400
10:23:44	568.60	1,551
10:23:44	568.60	3,968
10:23:58	568.60	1,194
10:24:21	568.70	2,431
10:24:21	568.70	3,319
10:24:42	568.60	930
10:24:42	568.60	1,785
10:24:42	568.60	2,200
10:25:17	568.60	3,065
10:25:17	568.60	2,685
10:25:52	568.60	5,750
10:26:22	568.50	2,311
10:26:23	568.50	3,439
10:27:21	568.70	1,700
10:27:21	568.70	1,166
10:27:21	568.70	1,000
10:27:21	568.70	1,300
10:27:21	568.70	584
10:27:24	568.60	1,522
10:27:24	568.60	3,697
10:27:34	568.60	668
10:28:02	568.60	1,200
10:28:02	568.60	3,043
10:28:02	568.60	1,100
10:28:02	568.60	100
10:28:35	568.70	2,000
10:28:35	568.70	511
10:28:35	568.70	3,038
10:28:48	568.60	1,190
10:29:06	568.70	2,000
10:29:06	568.70	1,300
10:29:12	568.70	2,000
10:29:20	568.60	5,219
10:29:50	568.60	4,365
10:29:59	568.60	1,385
10:30:33	568.50	5,750
10:31:17	568.40	1,278
10:31:17	568.40	3,200
10:31:42	568.70	738
10:32:00	568.80	5,750
10:32:00	568.80	1,412
10:32:20	568.80	3,800
10:32:20	568.80	71
10:32:35	568.80	602
10:32:35	568.80	214
10:32:47	568.90	4,985
10:32:47	568.90	45
10:32:57	569.00	1,442
10:33:19	569.00	1,330

10:33:19	569.00	1,278
10:33:20	569.00	2,465
10:33:20	569.00	710
10:34:09	568.90	1,141
10:34:09	568.90	2,001
10:34:15	568.90	1,400
10:34:15	568.90	321
10:34:15	568.90	674
10:35:50	568.60	900
10:35:50	568.60	1,000
10:36:04	568.90	800
10:36:04	568.90	2,000
10:36:05	568.90	1,713
10:36:05	568.90	539
10:36:05	568.90	96
10:36:08	568.90	1,653
10:36:11	568.90	1,900
10:36:16	569.10	1,493
10:36:16	569.00	2,122
10:36:17	569.00	1,526
10:36:18	569.00	1,387
10:36:29	568.80	3,350
10:36:29	568.80	1,130
10:36:36	568.90	1,688
10:36:52	568.90	5,239
10:37:47	568.90	845
10:37:47	568.90	483
10:38:09	569.10	1,200
10:38:09	569.10	1,507
10:38:09	569.10	1,000
10:38:12	569.00	15
10:38:12	569.00	3,018
10:38:13	569.00	1,200
10:38:13	569.00	113
10:39:00	568.80	801
10:39:20	568.80	473
10:39:59	568.70	1,107
10:40:18	568.80	850
10:40:18	568.80	1,672
10:40:27	568.80	2,152
10:41:01	568.80	1,379
10:41:25	568.90	2,347
10:41:39	568.90	1,308
10:42:52	568.60	379
10:43:32	568.60	1,515
10:44:03	568.50	1,442
10:44:03	568.50	1,104
10:44:31	568.30	1,170
10:44:51	568.30	1,995
10:44:51	568.30	184

10:46:02	568.20	2,005
10:46:39	568.10	2,000
10:46:52	568.10	1,507
10:46:52	568.00	2,000
10:46:52	568.00	1,009
10:47:13	568.20	2,961
10:47:17	568.00	2,207
10:47:43	568.10	1,931
10:48:21	567.80	1,357
10:48:55	567.90	155
10:48:55	567.90	1,000
10:48:55	567.90	171
10:48:58	567.80	550
10:49:00	567.80	3,629
10:49:00	567.80	1,571
10:49:20	567.70	1,524
10:49:20	567.70	1,188
10:49:20	567.70	1,243
10:49:50	567.60	1,941
10:49:50	567.60	934
10:50:14	567.70	1,483
10:50:14	567.70	1,551
10:50:21	568.10	249
10:50:21	568.10	2,527
10:50:49	568.10	90
10:50:59	568.00	3,086
10:50:59	568.00	2,664
10:51:32	567.70	3,302
10:51:32	567.70	2,448
10:51:59	567.60	296
10:51:59	567.60	1,261
10:52:00	567.60	2,792
10:52:00	567.60	1,401
10:52:35	567.20	2,314
10:52:39	567.20	839
10:52:41	567.20	2,582
10:53:08	567.10	133
10:53:08	567.10	4,200
10:53:09	567.10	1,417
10:53:44	566.90	327
10:53:44	566.90	1,551
10:53:44	566.90	1,551
10:53:54	566.90	2,209
10:54:24	567.00	5,750
10:54:26	567.00	1,231
10:54:59	567.20	1,203
10:54:59	567.20	1,551
10:54:59	567.20	1,551
10:55:44	567.50	889
10:55:44	567.50	534

10:55:44	567.50	1,277
10:55:44	567.50	1,000
10:55:44	567.50	3,473
10:56:15	567.40	4,742
10:57:00	567.30	5,537
10:57:30	567.00	1,091
10:57:34	567.00	4,658
10:58:11	566.80	1,328
10:58:13	566.80	872
10:58:13	566.80	1,879
10:58:13	566.80	1,400
10:58:13	566.80	271
10:58:48	566.60	5,248
10:58:54	566.60	502
10:59:27	566.60	1,171
10:59:29	566.60	1,412
10:59:29	566.60	1,410
10:59:29	566.60	1,410
11:00:05	566.90	1,089
11:00:14	566.90	5,697
11:00:56	566.60	4,998
11:00:56	566.60	63
11:01:13	566.40	4,664
11:01:25	566.40	1,081
11:01:25	566.40	5
11:01:54	566.10	4,219
11:02:00	566.10	1,531
11:02:43	566.50	5,750
11:03:17	566.30	5,750
11:03:51	566.70	641
11:03:57	566.70	1,000
11:03:57	566.70	1,400
11:03:57	566.70	1,637
11:04:26	566.60	352
11:04:26	566.70	565
11:04:26	566.70	2,552
11:04:26	566.70	427
11:04:26	566.70	1,000
11:04:26	566.70	1,217
11:04:26	566.70	856
11:04:26	566.70	991
11:05:07	566.80	1,212
11:05:07	566.80	750
11:05:49	566.80	929
11:05:49	566.80	2,591
11:05:49	566.80	2,224
11:06:27	566.60	5,750
11:07:00	566.60	4,572
11:07:00	566.60	1,178
11:07:48	566.40	1,659

11:07:49	566.40	4,091
11:07:49	566.40	1,152
11:08:18	566.40	5,377
11:10:24	566.40	13
11:10:24	566.40	565
11:10:24	566.40	298
11:10:24	566.40	4,874
11:10:52	566.40	1,445
11:11:05	566.60	750
11:11:05	566.60	589
11:11:10	566.90	314
11:11:10	566.90	1,000
11:11:15	566.90	2,072
11:11:15	566.90	2,000
11:11:15	566.90	1,000
11:11:15	566.90	1,000
11:11:15	566.90	1,229
11:11:15	566.90	473
11:11:19	566.80	3,237
11:11:19	566.80	2,513
11:11:19	566.80	1,700
11:11:19	566.80	1,100
11:11:19	566.80	1,229
11:11:19	566.80	863
11:11:20	566.80	858
11:11:20	566.80	1,300
11:11:20	566.80	1,000
11:11:20	566.80	2,484
11:12:40	566.30	5,538
11:13:00	566.00	5,750
11:13:33	566.10	1,155
11:13:57	566.20	1,118
11:14:13	566.30	1,000
11:14:20	566.40	1,700
11:14:32	566.40	2,000
11:14:32	566.40	1,000
11:14:32	566.40	1,253
11:14:36	566.30	1,181
11:14:48	566.30	1,969
11:15:16	566.30	1,000
11:15:24	566.40	1,500
11:15:24	566.40	2,556
11:15:29	566.50	2,705
11:15:50	566.60	894
11:15:50	566.60	1,000
11:15:58	566.50	5,750
11:16:00	566.50	2,073
11:16:44	566.60	5,270
11:18:26	566.60	770
11:18:26	566.60	1,258

11:18:26	566.60	1,291
11:18:49	566.60	1,315
11:21:34	567.10	5,750
11:22:08	567.30	3,822
11:22:08	567.30	1,928
11:23:00	567.30	750
11:23:00	567.30	5,456
11:23:15	567.30	3,001
11:23:15	567.30	2,634
11:24:19	567.30	650
11:24:19	567.30	565
11:24:19	567.30	1,289
11:24:19	567.30	1,000
11:24:24	567.30	1,289
11:24:24	567.30	813
11:25:04	567.20	632
11:25:14	567.20	3,835
11:25:15	567.10	501
11:25:15	567.10	5,249
11:25:15	567.10	1,579
11:26:14	567.30	1,400
11:26:14	567.30	1,000
11:26:14	567.30	1,217
11:26:19	567.40	1,418
11:26:49	567.40	5,750
11:27:25	567.40	3,265
11:27:25	567.40	2,485
11:28:15	567.90	1,277
11:28:15	567.90	1,000
11:28:15	567.90	2,000
11:28:25	567.90	1,000
11:28:32	567.80	1,569
11:28:32	567.80	4,016
11:28:32	567.80	2,000
11:28:32	567.80	952
11:29:03	567.80	3,732
11:29:44	567.60	340
11:29:52	567.60	4,254
11:29:52	567.60	1,156
11:30:09	567.20	3,626
11:30:10	567.20	1,500
11:31:05	567.10	997
11:31:05	567.10	4,753
11:31:50	566.80	5,750
11:32:30	566.80	5,750
11:32:30	566.80	1,756
11:33:09	566.90	2,801
11:33:09	566.90	1,715
11:33:45	566.70	5,750
11:34:28	566.80	3,127

11:34:28	566.80	2,623
11:35:01	566.60	5,725
11:36:05	567.00	5,727
11:36:48	566.90	5,750
11:37:30	566.90	1,000
11:37:30	566.90	1,300
11:37:30	566.90	1,217
11:37:30	566.90	1,300
11:37:52	566.80	1,923
11:37:52	566.80	3,827
11:38:46	566.90	42
11:38:46	566.90	1,635
11:38:46	566.90	1,314
11:38:46	566.90	1,000
11:38:46	566.90	1,200
11:38:46	566.90	1,166
11:38:46	566.90	1,171
11:39:13	566.70	2,029
11:39:13	566.70	2,839
11:39:58	567.10	5,750
11:40:26	566.90	5,750
11:41:10	566.80	5,683
11:41:51	566.90	5,750
11:42:33	566.90	5,750
11:42:50	566.80	1,302
11:42:50	566.80	265
11:42:50	566.80	1,262
11:42:50	566.80	470
11:42:50	566.80	535
11:42:51	566.80	2
11:42:52	566.80	1,818
11:43:53	566.90	1,265
11:43:53	566.90	1,300
11:43:53	566.90	1,195
11:43:53	566.90	1,000
11:44:42	567.00	5,746
11:45:02	566.90	3,062
11:45:02	566.90	1,667
11:45:02	566.90	1,019
11:45:53	566.60	1,250
11:45:53	566.60	974
11:45:53	566.60	2,497
11:45:53	566.60	1,029
11:46:18	566.50	5,750
11:47:16	566.50	2,740
11:47:16	566.50	1,517
11:47:16	566.50	1,493
11:47:43	566.30	5,750
11:48:30	566.10	5,750
11:49:22	566.00	847

11:49:22	566.00	953
11:49:22	566.00	1,621
11:49:22	566.00	1,254
11:49:49	566.10	1,304
11:49:49	566.10	1,105
11:49:52	566.10	5,750
11:50:18	565.90	3,969
11:50:18	565.90	429
11:50:53	565.60	1,651
11:51:32	565.80	3,058
11:51:52	565.80	384
11:51:52	565.80	912
11:51:52	565.80	1,140
11:51:52	565.80	2,038
11:51:52	565.80	1,700
11:51:52	565.80	872
11:52:19	565.60	2,702
11:52:19	565.60	1,320
11:52:19	565.60	1,558
11:53:08	565.80	351
11:53:08	565.80	5,399
11:53:56	565.70	5,750
11:54:32	565.60	848
11:54:32	565.60	3,685
11:54:32	565.60	1,157
11:55:14	565.60	5,750
11:55:14	565.70	1,600
11:55:14	565.70	1,000
11:55:14	565.70	1,229
11:55:14	565.70	1,489
11:55:14	565.70	468
11:57:03	565.80	2,000
11:57:03	565.80	1,300
11:57:50	566.00	1,289
11:57:50	566.00	824
11:57:52	565.90	383
11:57:52	565.90	1,900
11:57:53	565.90	3,467
11:57:55	565.80	3,240
11:57:55	565.80	2,000
11:57:55	565.80	1,000
11:57:55	565.80	950
11:57:55	565.80	1,166
11:58:08	565.80	898
11:58:08	565.80	2,000
11:58:08	565.80	651
11:58:19	565.80	5,750
11:58:25	565.80	1,200
11:58:25	565.80	1,166
11:58:25	565.80	312



11:58:56	565.90	1,166
11:58:56	565.90	1,194
11:58:56	565.90	646
11:58:56	565.90	81
11:59:26	566.00	6,064
11:59:50	566.00	3,800
11:59:50	566.00	1,950
12:02:22	565.90	5,745
12:03:04	565.80	875
12:03:05	565.80	4,875
12:03:41	566.00	1,503
12:03:41	566.00	1,022
12:03:41	566.00	3,225
12:04:23	565.90	5,323
12:04:23	565.90	427
12:05:00	566.00	918
12:05:09	566.00	4,832
12:05:39	566.00	848
12:05:40	566.00	847
12:06:05	566.20	1,000
12:06:07	566.20	281
12:06:44	566.20	1,500
12:06:44	566.20	1,000
12:06:44	566.20	1,000
12:06:44	566.20	1,000
12:06:44	566.20	1,058
12:06:44	566.20	192
12:06:47	566.10	443
12:06:47	566.10	695
12:06:47	566.10	134
12:06:47	566.10	356
12:07:06	566.10	1,536
12:07:06	566.10	3,305
12:07:06	566.10	2,445
12:07:40	566.10	617
12:07:40	566.10	5,133
12:08:18	566.30	4,338
12:09:01	566.40	925
12:09:01	566.40	1,100
12:09:01	566.40	921
12:09:01	566.40	1,294
12:09:01	566.40	2,000
12:09:01	566.40	1,000
12:09:01	566.40	115
12:09:28	566.30	1,200
12:09:28	566.30	1,300
12:09:28	566.30	1,253
12:09:28	566.30	1,300
12:09:28	566.30	566
12:09:28	566.30	42

12:09:41	566.20	2,039
12:09:41	566.20	3,241
12:10:36	566.10	2,000
12:10:54	566.10	2,500
12:10:54	566.10	31
12:11:38	566.20	2,850
12:11:38	566.20	2,900
12:12:02	566.30	888
12:12:02	566.30	1,019
12:12:11	566.30	5,750
12:12:32	566.40	1,750
12:12:32	566.40	300
12:12:32	566.40	237
12:12:32	566.40	1,491
12:12:37	566.40	84
12:12:37	566.40	1,000
12:12:37	566.40	248
12:12:41	566.30	817
12:12:41	566.30	3,143
12:13:17	566.30	847
12:13:17	566.30	848
12:13:17	566.30	363
12:13:17	566.30	485
12:13:17	566.30	569
12:14:00	566.20	179
12:14:00	566.20	531
12:14:00	566.20	659
12:14:00	566.20	4,374
12:14:20	566.10	2,669
12:14:21	566.10	885
12:14:21	566.10	2,196
12:15:01	566.10	5,750
12:15:46	566.20	4,172
12:15:55	566.30	1,417
12:15:55	566.30	374
12:16:07	566.30	5,604
12:16:38	566.30	651
12:16:38	566.30	733
12:16:38	566.30	402
12:17:06	566.40	331
12:17:06	566.40	1,100
12:17:06	566.40	1,000
12:17:06	566.40	439
12:17:17	566.30	4,528
12:17:18	566.30	686
12:17:19	566.30	536
12:17:28	566.30	567
12:17:28	566.30	842
12:18:07	566.40	2,000
12:18:07	566.40	1,000

12:18:07	566.40	1,100
12:18:08	566.40	2,000
12:18:08	566.40	282
12:18:24	566.20	4,748
12:19:03	566.10	5,750
12:19:03	566.10	1,121
12:19:03	566.10	30
12:19:48	566.20	267
12:20:18	566.20	5,458
12:20:18	566.20	292
12:20:27	566.20	331
12:20:27	566.20	1,195
12:20:27	566.20	100
12:20:32	566.20	143
12:20:48	566.20	2,000
12:20:52	566.20	192
12:21:12	566.40	1,346
12:21:12	566.40	1,000
12:22:15	566.40	251
12:22:25	566.40	541
12:22:25	566.40	5,209
12:22:25	566.40	5,750
12:22:40	566.40	1,000
12:22:40	566.40	1,300
12:22:40	566.40	331
12:23:15	566.50	2,786
12:23:15	566.50	217
12:23:55	566.40	721
12:23:55	566.40	569
12:24:48	566.20	1,457
12:26:10	566.20	4,308
12:26:10	566.20	247
12:26:31	566.20	1,262
12:27:01	566.10	1,000
12:27:01	566.10	513
12:27:45	566.10	2,100
12:28:05	566.10	1,209
12:28:05	566.10	1,199
12:29:47	566.00	2,471
12:30:09	565.90	2,148
12:30:35	565.80	1,000
12:30:35	565.80	324
12:33:51	566.00	1,500
12:33:51	566.00	2,175
12:33:58	566.00	520
12:33:59	566.00	1,987
12:34:38	565.90	1,545
12:35:13	565.90	1,280
12:36:44	566.00	1,558
12:36:56	565.90	1,210

12:37:38	565.60	2,591
12:39:29	565.80	2,472
12:40:19	565.70	1,799
12:40:20	565.70	779
12:40:27	565.60	1,000
12:40:27	565.60	269
12:42:04	565.70	1,166
12:44:12	565.60	1,000
12:44:12	565.60	292
12:44:12	565.60	1,827
12:45:37	565.70	3,257
12:46:50	565.80	736
12:46:51	565.80	3,021
12:47:17	565.60	1,400
12:47:50	565.60	1,200
12:47:50	565.60	105
12:48:05	565.60	1,044
12:48:08	565.60	991
12:48:24	565.50	3,301
12:48:32	565.60	2,114
12:48:32	565.60	375
12:48:49	565.40	1,453
12:48:50	565.40	1,332
12:48:54	565.40	3,390
12:48:59	565.40	1,271
12:48:59	565.40	405
12:49:00	565.40	1,000
12:49:00	565.40	914
12:49:00	565.40	1,111
12:49:00	565.40	710
12:49:54	565.20	1,289
12:50:51	565.10	500
12:50:51	565.10	60
12:50:51	565.10	146
12:50:51	565.10	1,000
12:51:25	565.40	111
12:51:25	565.40	1,111
12:51:25	565.40	1,111
12:51:25	565.40	1,111
12:51:25	565.40	33
12:51:26	565.50	1,200
12:51:31	565.80	900
12:51:31	565.80	844
12:51:33	565.70	2,911
12:51:33	565.70	303
12:51:36	565.80	1,907
12:53:29	566.00	833
12:53:29	566.00	1,896
12:53:29	566.00	1,203
12:54:48	566.20	1,674

12:55:40	565.60	2,423
12:55:44	565.60	1,485
12:56:06	565.50	1,244
12:56:15	565.50	1,921
12:57:30	565.40	3,766
12:57:36	565.30	1,000
12:57:36	565.30	1,100
12:57:37	565.30	322
12:58:10	565.40	1,258
12:59:13	565.10	1,218
13:00:17	565.00	1,217
13:00:17	565.00	1,352
13:01:01	565.20	656
13:01:01	565.20	858
13:02:04	565.40	469
13:02:04	565.40	702
13:03:21	565.30	200
13:03:21	565.30	567
13:04:17	565.50	2,000
13:04:42	565.40	796
13:04:42	565.40	893
13:05:40	565.60	2,104
13:05:40	565.60	179
13:06:08	565.70	1,089
13:06:08	565.70	125
13:07:01	565.80	5,071
13:11:57	566.00	2,760
13:12:22	566.10	1,330
13:12:25	566.10	2,346
13:13:02	566.10	1,326
13:13:02	566.10	424
13:13:02	566.10	246
13:15:49	566.20	2,103
13:16:28	566.10	1,172
13:18:22	566.10	2,930
13:22:09	566.30	595
13:22:59	566.50	1,172
13:22:59	566.50	4,336
13:22:59	566.50	1,229
13:22:59	566.50	575
13:23:06	566.40	630
13:23:06	566.40	716
13:24:08	566.50	765
13:24:08	566.50	939
13:25:30	566.30	1,241
13:25:30	566.30	1,266
13:26:34	566.20	1,199
13:29:49	566.30	1,900
13:29:49	566.30	722
13:30:05	566.20	1,569

13:30:07	566.20	1,438
13:30:26	566.00	1,679
13:30:26	566.00	964
13:30:27	566.20	1,283
13:30:27	566.20	1,430
13:30:32	566.10	2,000
13:30:32	566.10	325
13:32:12	566.00	2,100
13:32:28	566.00	1,372
13:32:56	565.90	122
13:33:05	565.90	538
13:33:25	566.00	650
13:33:26	566.00	1,271
13:33:46	566.00	1,650
13:33:46	566.00	77
13:34:15	565.80	1,164
13:35:34	565.90	91
13:35:34	565.90	5,659
13:35:47	565.90	3,728
13:35:51	566.00	1,564
13:35:51	566.00	514
13:36:27	566.40	2,000
13:36:27	566.40	32
13:37:25	566.40	1,751
13:40:03	566.20	1,605
13:41:35	565.90	1,243
13:42:45	566.00	1,748
13:42:45	566.00	390
13:44:34	566.20	1,207
13:45:33	566.40	1,509
13:46:04	566.60	298
13:46:04	566.60	1,388
13:46:13	566.50	1,163
13:46:47	566.60	809
13:47:13	566.80	2,138
13:47:13	566.80	1,181
13:47:27	566.60	144
13:47:27	566.60	1,341
13:48:17	566.30	1,004
13:48:17	566.30	248
13:49:33	566.50	1,217
13:50:35	566.60	1,691
13:51:34	567.20	1,393
13:51:34	567.20	129
13:53:07	567.80	2,850
13:53:07	567.80	578
13:53:19	567.70	800
13:53:30	568.00	149
13:53:30	568.00	112
13:53:30	568.00	1,211

13:53:30	568.00	2,019
13:53:30	568.00	259
13:53:30	568.00	940
13:53:59	567.90	1,221
13:54:13	567.90	205
13:54:28	567.90	1,347
13:55:49	567.60	1,162
13:55:50	567.60	1,900
13:57:06	567.50	1,237
13:57:11	567.30	200
13:57:16	567.30	1,263
13:57:34	567.20	296
13:57:46	567.20	1,222
13:57:48	567.20	887
13:58:06	567.20	2,000
13:58:09	567.10	1,600
13:58:20	567.10	2,253
13:58:20	567.10	1,610
13:58:21	567.10	1,289
13:58:21	567.10	532
13:59:32	567.10	5,542
13:59:32	567.10	208
13:59:34	567.10	2,519
14:00:16	567.40	1,514
14:00:16	567.40	4,236
14:00:25	567.60	4,778
14:01:19	567.60	90
14:01:35	567.80	568
14:02:05	567.90	1,325
14:02:05	567.90	1,477
14:02:13	567.90	1,900
14:02:13	567.90	2,373
14:02:18	567.80	1,682
14:02:18	567.80	1,002
14:02:18	567.80	158
14:02:41	567.90	1,277
14:03:52	568.00	935
14:04:06	568.00	3,799
14:04:46	567.90	1,973
14:04:46	567.90	2,773
14:05:19	567.80	1,334
14:05:19	567.80	332
14:08:02	567.30	565
14:08:02	567.30	750
14:08:03	567.30	2,836
14:08:12	567.20	1,466
14:11:55	567.80	900
14:11:55	567.80	4,744
14:12:35	567.60	98
14:12:35	567.60	3,879

14:13:03	567.50	332
14:13:04	567.50	1,338
14:13:29	567.10	5,750
14:13:34	567.10	17,643
14:13:39	567.10	6,082
14:13:59	567.50	4,355
14:13:59	567.50	44
14:14:31	567.50	1,246
14:16:54	567.80	4,198
14:16:55	567.80	1,389
14:17:34	568.20	4,124
14:17:35	568.20	1,000
14:17:35	568.20	1,629
14:19:37	568.50	2,441
14:19:38	568.50	550
14:19:38	568.50	1,145
14:19:47	568.40	517
14:19:57	568.50	1,563
14:20:00	568.40	2,502
14:20:09	568.40	600
14:21:15	568.10	1,000
14:21:15	568.10	972
14:21:53	567.90	1,595
14:22:02	567.90	1,893
14:22:12	567.80	717
14:22:12	567.80	475
14:24:18	568.00	3,300
14:24:18	568.00	1,025
14:24:18	568.00	1,741
14:24:42	568.20	3,950
14:24:54	568.40	1,560
14:28:05	568.10	1,339
14:29:16	568.40	563
14:29:16	568.40	1,300
14:29:16	568.40	1,521
14:29:27	568.50	1,531
14:29:27	568.50	448
14:29:37	568.40	5,389
14:30:39	568.20	555
14:30:39	568.20	2,000
14:30:41	568.30	1,410
14:30:46	568.40	2,000
14:30:46	568.40	209
14:31:42	568.40	1,289
14:31:42	568.40	2,911
14:31:43	568.40	1,576
14:33:20	568.50	1,210
14:33:20	568.50	700
14:33:20	568.50	500
14:33:20	568.50	800



14:33:21	568.40	1,401
14:33:24	568.50	2,029
14:33:24	568.50	3,584
14:33:24	568.50	37
14:33:39	568.60	3,790
14:33:39	568.60	298
14:33:44	568.60	1,430
14:33:52	568.70	2,098
14:33:56	568.60	2,050
14:33:56	568.60	186
14:33:57	568.60	1,650
14:35:57	568.00	4,038
14:35:57	568.00	607
14:35:57	568.00	1,300
14:36:04	568.00	1,165
14:36:31	567.80	1,305
14:36:55	567.90	1,174
14:37:09	567.80	1,267
14:38:50	567.80	71
14:39:03	567.80	5,750
14:39:10	567.90	950
14:39:44	567.80	200
14:40:16	568.20	1,229
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14:40:32	568.10	565
14:41:00	568.00	1,461
14:41:35	568.10	4,943
14:41:46	567.90	1,387
14:42:38	567.80	3,161
14:43:11	567.60	1,303
14:44:21	568.00	2,000
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14:44:36	568.10	1,147
14:44:36	568.10	1,749
14:44:40	568.00	4,444
14:44:42	568.00	608
14:44:42	568.00	767
14:44:42	568.10	2,000
14:44:42	568.10	301
14:45:09	568.00	2,639
14:45:09	568.00	581
14:45:25	568.10	1,417
14:46:23	568.00	3,490
14:46:23	568.00	804
14:46:27	568.10	930
14:47:14	567.70	3,693
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14:47:14	567.70	63
14:47:39	567.90	3,459
14:47:39	567.90	2,291

14:47:57	567.90	2,000
14:48:55	567.80	3,612
14:48:57	567.80	1,851
14:49:06	567.90	1,769
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14:49:11	567.90	3,330
14:49:17	567.80	662
14:49:32	567.80	2,925
14:49:32	567.80	2,163
14:49:34	567.80	1,166
14:50:46	567.90	1,718
14:50:46	567.90	674
14:50:46	567.90	1,199
14:50:48	567.90	1,177
14:51:29	567.90	5,263
14:51:29	567.90	102
14:51:37	568.00	1,179
14:51:37	568.00	610
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14:53:53	567.60	1,290
14:56:15	567.70	549
14:56:35	567.90	5,077
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14:57:43	567.80	681
14:57:43	567.80	900
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15:00:06	567.70	1,876
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15:02:02	567.30	991
15:02:03	567.20	1,151
15:02:46	567.20	877
15:02:46	567.20	3,808
15:03:35	567.50	2,031
15:03:35	567.50	4,281
15:03:40	567.50	130
15:05:37	566.90	3,625
15:05:37	566.90	1,390
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15:05:57	566.90	991
15:05:59	566.90	4,398
15:06:04	566.80	1,000
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15:06:14	566.60	3,572
15:06:28	566.80	1,000
15:08:21	566.70	3,186
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15:09:51	566.70	2,963
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15:10:02	566.60	1,262
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15:10:14	566.90	1,603
15:10:14	566.90	1,589
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15:12:42	567.10	748
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15:12:42	567.10	1,000
15:12:42	567.10	1,200
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15:14:02	567.10	1,224
15:14:09	567.10	970
15:14:09	567.10	252
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15:14:58	567.40	104
15:15:03	567.40	1,289
15:15:03	567.40	483
15:15:20	567.20	2,652
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15:18:01	567.20	5,286
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15:19:12	567.50	1,600
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15:19:13	567.50	1,000
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15:19:13	567.50	1,251
15:19:15	567.40	1,702
15:19:42	567.20	4,370
15:19:42	567.20	1,380
15:19:42	567.20	1,312
15:20:28	567.10	1,364
15:20:28	567.10	217
15:20:28	567.10	67
15:20:31	567.10	2,025
15:20:59	567.10	1,201
15:21:32	567.00	4,479
15:21:33	567.00	770
15:21:33	567.00	715
15:22:01	567.10	458
15:22:01	567.10	4,097
15:23:15	566.90	5,750
15:23:15	566.90	391
15:23:15	566.90	1,450
15:23:27	567.00	1,115
15:23:32	567.10	963
15:23:32	567.10	1,934
15:25:06	567.10	2,402
15:25:06	567.10	3,348
15:25:15	567.10	1,423
15:25:28	566.90	1,326
15:25:28	566.90	1,300
15:25:28	566.90	1,000
15:25:28	566.90	442
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15:25:37	566.90	923
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15:27:00	566.40	3,376
15:27:26	566.80	1,956
15:27:26	566.80	3,794
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15:28:16	566.90	145
15:28:55	566.60	4,336
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15:28:55	566.60	183
15:30:03	566.50	4,331

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15:30:37	566.50	4,254
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15:31:05	566.60	2,509
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15:32:49	566.70	5,663
15:32:54	566.80	1,176
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15:33:04	567.00	1,213
15:33:04	567.00	1,300
15:33:04	567.00	1,205
15:33:04	567.00	1,213
15:33:04	567.00	553
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15:33:53	566.90	1,472
15:34:32	567.00	1,521
15:34:32	567.00	4,102
15:35:01	566.90	877
15:35:01	566.90	3,563
15:35:09	567.00	1,375
15:35:42	567.10	4,721
15:36:39	567.10	1,500
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15:36:45	567.10	1,396
15:37:19	567.00	1,982
15:37:39	567.20	1,500
15:38:03	567.20	5,750
15:38:03	567.20	1,500
15:38:52	567.20	5,177
15:38:52	567.20	65
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15:39:28	567.30	2,336
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15:42:10	568.10	2,524
15:42:10	568.10	2,026
15:42:15	568.10	1,227
15:44:00	568.60	1,360
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15:44:05	568.60	1,231
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15:44:15	568.70	1,428
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15:45:14	569.00	1,709
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15:45:49	569.40	3,288
15:45:49	569.40	1,500
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15:46:42	569.60	1,719
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15:47:20	569.30	5,390
15:47:22	569.30	565
15:47:27	569.20	1,200
15:48:20	569.70	4,964
15:48:26	569.60	2,000
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15:48:56	569.40	900
15:48:56	569.40	66
15:49:13	569.30	1,281
15:50:23	569.00	4,425
15:50:23	569.00	1,200
15:50:23	569.00	184
15:50:44	569.10	1,930
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15:50:49	569.10	2,000
15:50:49	569.10	764
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15:50:54	569.00	953
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15:51:17	568.70	2,000
15:51:42	568.80	3,462
15:51:54	568.80	1,619
15:53:27	568.90	2,654
15:53:42	568.90	1,782
15:54:15	568.90	1,205
15:54:59	569.00	454
15:55:00	569.00	1,389
15:55:00	569.00	2,052
15:55:04	569.00	100
15:55:04	569.00	1,263

15:55:09	569.00	1,229
15:55:44	568.90	3,742
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15:55:44	568.90	1,022
15:56:15	568.80	650
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15:56:26	568.80	2,987
15:56:42	568.80	5,104
15:56:42	568.80	1,549
15:57:43	568.90	4,958
15:58:30	568.80	100
15:58:33	568.80	4,229
15:58:39	568.80	1,326
15:59:24	568.70	4,658
15:59:44	568.70	3,395
15:59:44	568.70	337
15:59:48	568.60	1,000
15:59:48	568.60	601
16:00:25	568.50	804
16:00:25	568.50	4,684
16:01:02	568.50	1,314
16:01:46	568.30	2,935
16:01:46	568.30	636
16:01:53	568.30	1,000
16:01:57	568.20	2,183
16:02:02	568.20	565
16:02:02	568.20	868
16:02:35	568.10	475
16:02:35	568.10	1,213
16:02:35	568.10	553
16:02:35	568.10	1,298
16:02:35	568.10	1,966
16:03:31	568.00	2,258
16:03:36	568.00	336
16:03:36	568.00	1,213
16:03:36	568.00	1,911
16:04:01	568.00	430
16:05:04	568.40	3,203
16:05:04	568.40	2,547
16:05:09	568.40	1,200
16:05:09	568.40	220
16:05:09	568.40	1,213
16:05:16	568.40	137
16:05:16	568.40	2,055
16:05:16	568.40	6
16:06:00	568.60	328
16:06:00	568.60	1,560
16:06:00	568.60	2,293
16:06:00	568.60	1,193
16:06:05	568.60	500

16:06:05	568.60	1,163
16:07:07	568.70	742
16:07:07	568.70	2,730
16:07:14	568.70	1,596
16:09:07	568.80	1,558
16:09:07	568.80	1,499
16:09:07	568.80	762
16:09:08	568.80	1,176
16:10:22	568.80	866
16:10:22	568.80	1,500
16:10:26	568.70	2,228
16:10:39	568.70	200
16:10:57	568.70	1,120
16:12:04	568.70	5,863
16:12:14	568.80	4,111
16:12:34	569.00	1,372
16:12:49	569.10	4,697
16:12:54	569.10	2,000
16:12:54	569.10	310
16:13:41	569.00	3,589
16:14:09	569.20	4,740
16:14:09	569.20	959
16:14:09	569.20	2,192
16:15:41	569.00	192
16:15:51	569.00	3,989
16:16:05	569.30	100
16:16:07	569.30	5,170
16:16:07	569.30	200
16:16:07	569.30	694
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16:16:12	569.30	56
16:16:56	569.30	2,000
16:16:56	569.30	2,484
16:17:06	569.20	1,839
16:17:06	569.20	2,793
16:17:06	569.20	438
16:17:11	569.20	1,544
16:17:59	569.10	1,000
16:18:02	569.10	3,475

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

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