

22 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:	22 September 2016
Number of ordinary shares of US\$0.50 each purchased:	4,063,962
Highest price paid per share:	£5.8330
Lowest price paid per share:	£5.7310
Volume weighted average price paid per share:	£5.7955

Following the purchase of these shares, the Company holds 95,935,048 of its ordinary shares in treasury and has 19,829,657,129 ordinary shares in issue (excluding treasury shares). Therefore the total voting rights in HSBC Holdings plc is 19,829,657,129. 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>
08:01:09	579.60	220
08:01:09	579.60	5,624
08:01:56	579.90	552
08:01:56	579.90	400
08:01:56	579.90	500
08:01:56	579.90	300
08:01:56	579.90	400
08:02:23	578.30	5,845
08:03:30	579.70	4,879
08:03:35	579.20	2,309
08:03:37	579.10	5,845
08:04:30	580.10	822
08:04:38	580.10	1,365
08:04:57	580.50	593
08:04:57	580.50	1,526
08:05:02	580.50	1,206
08:05:25	580.80	1,719
08:05:25	580.80	796
08:06:06	580.60	884
08:06:06	580.60	1,434
08:06:11	580.80	1,886
08:06:11	580.80	4,470
08:06:20	580.70	562
08:06:27	580.60	968
08:06:27	580.60	562
08:06:27	580.60	18

08:06:32	580.70	562
08:06:37	580.70	2,120
08:06:37	580.70	562
08:06:42	580.70	562
08:06:47	580.70	562
08:06:47	580.70	1,169
08:07:00	580.70	58
08:07:00	580.70	562
08:07:00	580.70	2,559
08:07:00	580.60	5,845
08:07:07	580.70	58
08:07:07	580.70	901
08:07:07	580.70	1,000
08:07:07	580.70	970
08:07:22	580.50	901
08:07:27	580.60	901
08:07:27	580.60	797
08:07:27	580.60	799
08:07:32	580.70	544
08:07:32	580.70	779
08:07:32	580.70	58
08:07:32	580.70	1,450
08:07:46	580.60	901
08:07:46	580.60	544
08:07:48	580.50	3,946
08:08:01	580.50	3,000
08:08:01	580.50	747
08:08:01	580.50	971
08:08:01	580.50	640
08:08:01	580.50	339
08:08:06	580.40	317
08:08:06	580.40	827
08:08:31	580.40	226
08:08:31	580.40	943
08:08:36	580.40	481
08:08:36	580.40	3,000
08:08:37	580.30	1,600
08:08:38	580.30	3,556
08:08:38	580.30	3,533
08:08:59	580.50	3,000
08:08:59	580.50	1,069
08:08:59	580.50	185
08:09:24	580.50	1,887
08:09:24	580.50	1,595
08:09:25	580.50	1,360
08:09:37	580.60	456
08:09:42	580.60	350
08:09:42	580.60	264
08:09:44	580.40	4,701
08:09:56	580.40	264

08:09:56	580.40	990
08:09:56	580.40	416
08:10:01	580.30	4,401
08:10:17	580.20	264
08:10:17	580.20	1,099
08:10:17	580.20	552
08:10:22	580.20	264
08:10:22	580.20	1,078
08:10:22	580.20	907
08:10:27	580.20	227
08:10:27	580.20	415
08:10:27	580.20	264
08:10:27	580.20	255
08:10:27	580.20	1,295
08:10:44	580.20	430
08:10:44	580.20	595
08:10:44	580.20	1,978
08:10:49	580.30	221
08:10:49	580.30	1,198
08:11:09	580.00	1,622
08:11:09	580.00	3,976
08:11:35	579.70	1,884
08:11:35	579.70	264
08:11:40	579.70	264
08:11:40	579.70	3,451
08:11:51	579.60	292
08:11:51	579.60	494
08:11:54	579.60	3,328
08:12:01	579.60	1,778
08:12:43	579.80	2,000
08:12:43	579.80	511
08:12:43	579.80	1,556
08:12:52	579.60	2,000
08:12:52	579.60	190
08:13:18	579.30	4,337
08:13:18	579.30	3,542
08:13:18	579.30	2,303
08:13:18	579.30	1,514
08:13:46	579.10	2,000
08:13:46	579.10	1,400
08:13:46	579.10	946
08:14:04	579.20	2,675
08:14:04	579.20	3,456
08:14:04	579.20	1,974
08:14:24	579.40	2,000
08:14:34	579.50	31
08:14:34	579.50	597
08:14:34	579.50	432
08:14:34	579.50	1,000
08:14:44	579.80	1,406

08:14:49	579.80	594
08:14:49	579.80	1,100
08:14:49	579.80	1,003
08:14:49	579.80	1,923
08:14:49	579.80	39
08:15:10	580.00	2,000
08:15:10	580.00	1,423
08:15:10	580.00	1,674
08:15:33	580.30	544
08:15:33	580.30	608
08:15:38	580.20	230
08:15:46	580.30	2,100
08:15:47	580.30	1,400
08:15:47	580.30	913
08:15:54	580.30	811
08:15:54	580.30	1,125
08:15:54	580.30	3,909
08:16:46	580.40	1,500
08:16:46	580.40	497
08:16:47	580.40	1,084
08:16:53	580.50	1,938
08:16:53	580.50	1,977
08:16:53	580.50	3,117
08:16:53	580.50	426
08:16:53	580.50	886
08:16:58	580.50	1,379
08:17:02	580.50	846
08:17:03	580.50	4,606
08:17:37	580.10	5,126
08:17:58	580.00	1,200
08:18:01	580.00	4,723
08:18:11	580.10	5,845
08:18:40	580.10	1,222
08:18:40	580.10	994
08:18:40	580.10	3,263
08:18:45	580.10	1,375
08:19:06	580.00	4,704
08:19:25	579.90	1,636
08:19:30	579.90	1,500
08:19:30	579.90	1,666
08:19:35	579.90	1,991
08:19:45	579.90	69
08:19:48	579.90	2,000
08:20:04	579.80	2,840
08:20:04	579.80	1,047
08:20:07	579.80	4,089
08:20:07	579.80	1,756
08:20:07	579.80	2,000
08:20:07	579.80	188
08:20:26	579.70	2,000

08:20:26	579.70	1,200
08:20:26	579.70	683
08:20:55	579.90	162
08:20:55	579.90	275
08:21:00	579.90	1,886
08:21:05	579.90	1,666
08:21:10	579.90	931
08:21:18	579.90	1,978
08:21:23	579.90	1,047
08:21:23	579.90	2,754
08:21:42	579.60	5,593
08:22:05	579.70	1,478
08:22:05	579.70	1,978
08:22:05	579.70	4,515
08:22:23	579.90	12
08:22:23	579.90	1,452
08:22:23	579.90	297
08:22:28	579.80	2,910
08:22:50	579.80	1,047
08:22:50	579.80	1,980
08:23:06	579.90	697
08:23:11	579.80	2,000
08:23:16	579.90	1,980
08:23:16	579.90	1,611
08:23:21	579.90	2,000
08:23:21	579.90	459
08:23:27	579.80	772
08:23:27	579.80	1,339
08:23:27	579.80	2,805
08:23:27	579.80	858
08:23:49	579.30	5,845
08:24:14	579.10	5,845
08:25:20	579.20	552
08:25:20	579.20	2,528
08:25:46	579.10	2,000
08:25:46	579.10	1,908
08:25:46	579.10	1,206
08:25:46	579.10	731
08:25:46	579.00	1,771
08:26:02	578.60	2,000
08:26:02	578.60	1,924
08:26:02	578.60	1,056
08:26:02	578.60	598
08:26:02	578.60	267
08:26:27	578.10	5,845
08:26:28	578.10	1,964
08:26:49	577.50	196
08:26:49	577.50	535
08:26:54	577.60	2,803
08:26:54	577.60	1,733

08:27:18	577.80	5,845
08:27:44	577.70	496
08:27:44	577.70	496
08:27:44	577.70	2,000
08:27:44	577.70	349
08:27:49	577.60	1,600
08:28:00	577.50	2,795
08:28:00	577.50	3,050
08:28:01	577.50	1,341
08:28:01	577.50	298
08:28:30	577.50	1,975
08:28:30	577.50	993
08:28:30	577.50	544
08:28:47	577.40	544
08:28:47	577.40	836
08:28:47	577.30	5,845
08:29:11	577.30	1,151
08:29:12	577.30	2,566
08:29:12	577.30	83
08:29:13	577.30	67
08:29:15	577.30	1,644
08:29:35	577.00	5,315
08:29:35	577.00	530
08:29:35	577.00	1,191
08:29:59	577.00	733
08:29:59	577.00	685
08:29:59	577.00	4,427
08:30:27	577.00	1,474
08:30:27	577.00	2,000
08:30:27	577.00	1,961
08:30:56	576.90	2,825
08:30:57	577.10	844
08:30:57	577.10	846
08:30:57	577.10	911
08:30:57	577.10	415
08:31:25	577.00	5,573
08:31:47	576.90	2,144
08:31:57	577.00	2,094
08:32:25	577.20	2,139
08:32:25	577.30	2,000
08:32:33	577.30	167
08:32:36	577.20	1,539
08:32:54	577.50	757
08:32:56	577.40	5,161
08:33:16	577.50	2,187
08:33:20	577.40	2,000
08:33:20	577.40	1,246
08:33:25	577.40	1,670
08:33:54	577.40	822
08:33:59	577.50	2,710

08:33:59	577.50	2,163
08:33:59	577.40	1,192
08:34:06	577.40	1,059
08:35:08	577.50	1,393
08:35:08	577.50	2,057
08:35:08	577.50	1,558
08:35:08	577.50	1,987
08:35:08	577.50	819
08:35:08	577.50	668
08:35:08	577.50	2,108
08:35:18	577.50	3,692
08:35:18	577.50	2,000
08:35:18	577.50	2,215
08:35:18	577.50	1,630
08:35:18	577.50	1,260
08:35:18	577.50	1,165
08:35:18	577.50	1,695
08:35:18	577.50	101
08:35:44	577.40	2,951
08:35:44	577.40	1
08:36:15	577.30	2,000
08:36:15	577.30	929
08:36:15	577.30	1,987
08:36:15	577.30	842
08:36:40	577.20	544
08:36:47	577.20	505
08:36:47	577.20	1,200
08:36:52	577.20	801
08:37:07	577.00	50
08:37:09	577.00	5,104
08:37:15	576.90	18
08:37:18	576.90	1,988
08:37:36	576.90	1,200
08:37:50	576.80	4,727
08:37:50	576.80	1,300
08:37:50	576.80	1,230
08:37:50	576.80	3,315
08:37:50	576.80	1,037
08:38:18	576.70	894
08:38:28	576.80	3,862
08:38:41	576.60	5,845
08:39:20	576.60	5,845
08:39:45	576.80	261
08:39:46	576.80	1,143
08:39:48	576.80	4,001
08:39:58	576.80	1,732
08:40:04	576.80	1,691
08:40:18	576.80	2,913
08:40:38	576.50	5,740
08:41:05	576.50	1,200

08:41:05	576.50	130
08:41:11	576.50	668
08:41:13	576.50	2,000
08:41:16	576.50	174
08:41:17	576.50	3,776
08:41:18	576.50	2,069
08:41:21	576.50	4,979
08:41:21	576.50	805
08:41:44	576.60	3,251
08:42:35	576.40	2,673
08:42:35	576.40	2,772
08:42:49	576.30	1,068
08:42:55	576.30	1,145
08:42:57	576.30	3,600
08:43:08	576.20	284
08:43:08	576.20	2,034
08:43:38	576.40	651
08:43:38	576.40	800
08:43:38	576.40	204
08:43:40	576.40	4,679
08:43:40	576.40	170
08:43:40	576.40	5,298
08:43:40	576.40	377
08:44:08	576.50	834
08:44:09	576.50	2,473
08:44:40	576.80	2,525
08:44:40	576.80	3,060
08:45:20	577.00	1,058
08:45:42	577.20	5,845
08:45:42	577.20	1,769
08:45:51	577.20	3,366
08:45:51	577.20	710
08:46:15	577.40	992
08:46:15	577.40	3,972
08:46:35	577.20	456
08:47:05	577.30	2,000
08:47:10	577.30	2,000
08:47:15	577.30	332
08:47:15	577.30	889
08:47:20	577.20	4,078
08:47:20	577.20	1,767
08:47:48	577.20	1,452
08:47:48	577.20	371
08:47:48	577.20	1,651
08:47:48	577.20	1,672
08:47:48	577.20	689
08:47:48	577.20	10
08:48:16	576.90	5,772
08:48:41	577.00	5,776
08:48:41	577.00	69



08:49:21	577.30	704
08:49:23	577.30	5,141
08:49:59	577.30	130
08:49:59	577.30	1,301
08:50:04	577.30	1,528
08:50:04	577.30	1,000
08:50:06	577.20	2,807
08:50:06	577.20	349
08:50:06	577.20	2,213
08:50:06	577.20	476
08:50:06	577.20	1,200
08:50:06	577.20	2,000
08:50:06	577.20	130
08:50:06	577.20	1,507
08:51:11	577.50	1,989
08:51:16	577.50	5
08:51:16	577.50	483
08:51:16	577.50	1,406
08:51:25	577.50	389
08:51:25	577.50	5,456
08:52:07	577.40	2,000
08:52:07	577.40	1,000
08:52:57	577.40	780
08:52:57	577.40	354
08:52:57	577.40	1,501
08:52:57	577.40	697
08:52:57	577.40	5,148
08:53:07	577.60	5,845
08:53:07	577.60	1,000
08:53:07	577.60	1,000
08:53:07	577.60	1,000
08:53:07	577.60	1,000
08:53:07	577.60	2,934
08:53:54	577.50	3,978
08:54:09	577.40	5,792
08:55:03	577.50	2,000
08:55:08	577.50	500
08:55:08	577.50	800
08:55:08	577.50	700
08:55:08	577.50	700
08:55:08	577.50	600
08:55:08	577.50	1,157
08:55:18	577.40	308
08:55:25	577.50	1,726
08:55:25	577.50	460
08:55:25	577.50	223
08:55:26	577.60	1,543
08:55:27	577.60	1,083
08:55:56	577.60	609
08:55:56	577.60	544

08:55:56	577.60	2,197
08:55:56	577.60	936
08:55:59	577.60	80
08:56:01	577.70	874
08:56:23	577.90	379
08:56:23	577.90	1,510
08:56:24	577.90	456
08:56:25	577.90	212
08:56:33	578.20	5,845
08:57:01	578.00	130
08:57:01	578.00	1,144
08:57:06	578.00	4,571
08:57:33	577.80	3,119
08:57:33	577.80	1,325
08:57:33	577.80	80
08:57:33	577.80	1,321
08:58:06	577.70	1,169
08:58:06	577.70	1,785
08:58:07	577.70	2,891
08:58:44	578.10	5,845
08:59:18	577.70	2,804
08:59:18	577.70	3,041
08:59:37	578.00	1,948
08:59:37	578.00	2,363
08:59:37	578.00	1,534
09:00:14	578.50	884
09:00:15	578.50	1,041
09:00:15	578.50	3,159
09:00:47	578.10	5,845
09:00:47	578.10	487
09:00:47	578.10	1,649
09:01:18	578.20	2,226
09:01:18	578.20	1,601
09:01:18	578.20	597
09:01:18	578.20	518
09:01:18	578.20	445
09:01:57	578.30	211
09:01:57	578.30	1,872
09:01:57	578.30	1,105
09:01:57	578.30	2,083
09:02:54	578.30	5,094
09:03:13	578.00	1,420
09:03:18	578.00	5,375
09:03:40	578.00	5,684
09:04:05	577.90	1,600
09:04:05	577.90	1,000
09:04:05	577.90	2,962
09:04:39	577.80	5,845
09:05:16	577.50	5,599
09:05:16	577.50	148

09:05:41	577.40	1,459
09:05:56	577.80	2,717
09:05:56	577.80	1,167
09:05:56	577.80	1,498
09:06:13	577.80	5,845
09:07:02	577.80	5,132
09:07:11	577.70	1,014
09:07:11	577.70	4,644
09:08:05	577.70	5,845
09:08:05	577.70	1,000
09:08:05	577.70	329
09:08:13	577.70	1,967
09:08:13	577.70	2,549
09:08:54	577.60	983
09:08:55	577.60	584
09:08:55	577.60	539
09:08:55	577.60	3,615
09:08:55	577.60	124
09:09:03	577.60	5,845
09:09:34	577.60	4,583
09:09:34	577.60	1,145
09:09:43	577.60	117
09:09:59	577.30	690
09:09:59	577.30	107
09:09:59	577.30	86
09:09:59	577.30	1,455
09:10:00	577.30	1,643
09:10:02	577.30	1,829
09:10:33	577.20	5,845
09:11:17	577.30	3,840
09:11:17	577.30	2,005
09:12:08	577.40	3,903
09:12:08	577.40	936
09:12:08	577.40	1,000
09:12:42	577.40	989
09:12:47	577.40	649
09:12:52	577.40	642
09:12:57	577.40	1,000
09:13:02	577.40	1,000
09:13:07	577.40	1,813
09:13:16	577.40	504
09:13:16	577.40	935
09:13:21	577.40	488
09:13:26	577.40	449
09:13:31	577.50	1,420
09:13:31	577.50	2,359
09:13:34	577.40	5,845
09:13:34	577.40	2,000
09:13:34	577.40	393
09:14:24	577.50	1,663

09:14:24	577.50	1,305
09:14:31	577.20	4,922
09:14:31	577.20	522
09:14:31	577.20	398
09:15:02	576.80	5,845
09:16:00	576.70	5,845
09:16:11	576.70	5,048
09:16:12	576.70	774
09:16:53	576.30	2,113
09:16:53	576.30	675
09:16:53	576.30	3,034
09:17:25	576.10	5,822
09:17:54	575.80	5,845
09:18:40	575.20	478
09:18:40	575.20	846
09:18:40	575.20	4,475
09:19:02	573.50	1,022
09:19:02	573.50	81
09:19:02	573.50	4,742
09:19:36	573.10	5,845
09:20:15	573.20	4,224
09:20:15	573.20	1,621
09:21:01	574.50	1,713
09:21:39	575.20	1,713
09:21:39	575.20	1,259
09:21:39	575.20	1,743
09:21:41	575.20	1,792
09:21:48	575.20	1,765
09:21:49	575.20	545
09:21:49	575.20	1,848
09:22:43	575.30	1,000
09:22:43	575.30	2,000
09:22:43	575.30	303
09:22:43	575.30	676
09:22:47	575.20	5,845
09:22:47	575.10	2,000
09:22:47	575.10	344
09:24:11	575.30	5,843
09:25:00	574.80	5,845
09:25:40	574.70	2,000
09:25:40	574.70	2,200
09:25:40	574.70	1,000
09:25:40	574.80	843
09:25:55	574.70	2,675
09:26:23	574.90	2,284
09:26:23	574.90	974
09:26:30	574.80	5,606
09:27:09	574.20	78
09:27:15	574.20	170
09:27:40	574.30	5,755

09:27:50	574.00	943
09:27:50	574.00	359
09:28:23	574.00	1,069
09:28:23	574.00	1,500
09:28:23	574.00	2,283
09:29:01	573.90	231
09:29:01	573.90	2,675
09:29:01	573.90	1,908
09:29:01	573.90	285
09:29:01	573.90	260
09:29:47	574.10	5,845
09:30:28	574.00	168
09:30:28	574.00	4,859
09:30:28	574.00	223
09:30:49	574.30	1,386
09:30:49	574.30	4,414
09:30:49	574.40	45
09:31:12	573.90	5,845
09:31:12	573.90	1,000
09:31:12	573.90	531
09:32:00	573.70	1,831
09:32:00	573.70	1,258
09:32:08	573.80	550
09:32:08	573.80	1,597
09:32:39	574.00	2,000
09:32:43	573.90	1,813
09:32:43	573.90	502
09:32:46	574.10	213
09:32:46	574.10	430
09:33:11	574.20	371
09:33:11	574.20	2,000
09:33:11	574.20	1,231
09:33:11	574.20	1,950
09:33:42	574.30	1,533
09:33:42	574.30	741
09:33:42	574.30	256
09:33:42	574.30	183
09:33:42	574.30	1,108
09:33:42	574.30	2,410
09:34:13	574.30	74
09:34:13	574.30	1,840
09:34:13	574.30	178
09:34:13	574.30	166
09:34:13	574.30	219
09:34:13	574.30	19
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09:34:18	574.30	75
09:34:18	574.30	296
09:34:23	574.30	2,000
09:34:27	574.20	152

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09:34:27	574.20	2,496
09:34:27	574.20	299
09:34:27	574.20	1,850
09:34:28	574.20	53
09:34:28	574.20	434
09:34:28	574.20	1,230
09:34:51	573.70	1,125
09:34:53	573.70	1,415
09:35:39	573.60	5,845
09:36:34	573.90	5,845
09:37:22	573.80	125
09:37:22	573.80	87
09:37:22	573.80	1,314
09:37:22	573.80	216
09:37:22	573.80	900
09:37:22	573.80	2,000
09:37:22	573.80	1,000
09:37:22	573.80	265
09:37:22	573.80	221
09:37:22	573.80	355
09:37:42	573.70	131
09:38:02	573.80	54
09:38:02	573.80	294
09:38:02	573.80	2,442
09:38:02	573.80	316
09:38:07	573.80	830
09:38:07	573.80	215
09:38:07	573.80	264
09:38:25	573.70	5,845
09:39:06	573.90	1,500
09:39:06	573.90	4,345
09:39:07	573.90	1,917
09:39:57	573.50	4,968
09:40:45	573.50	1,802
09:40:45	573.50	3,127
09:40:45	573.50	371
09:41:20	573.40	1,900
09:41:20	573.40	3,945
09:41:41	573.20	629
09:41:41	573.20	1,031
09:42:26	573.50	412
09:42:26	573.50	449
09:42:26	573.50	2,306
09:42:26	573.50	1,000
09:42:42	573.50	669
09:42:42	573.50	722
09:42:42	573.50	554
09:42:42	573.50	371

09:42:42	573.50	1,000
09:42:47	573.50	1,630
09:42:47	573.50	618
09:42:47	573.50	264
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09:43:00	573.40	911
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09:44:01	573.40	2,179
09:44:01	573.40	554
09:44:01	573.40	709
09:44:08	573.30	1,576
09:45:28	573.50	5,523
09:45:28	573.50	317
09:46:14	573.40	1,834
09:46:14	573.40	337
09:46:14	573.40	3,674
09:46:15	573.40	1,180
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09:47:01	573.50	130
09:47:06	573.50	2,000
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09:47:43	573.80	634
09:47:43	573.80	750
09:47:43	573.80	509
09:47:43	573.80	371
09:47:43	573.80	2,000
09:47:43	573.80	1,000
09:47:43	573.80	157
09:48:32	573.80	750
09:48:37	573.80	371
09:48:42	573.80	83
09:48:42	573.80	1,000
09:48:48	573.80	371
09:49:01	573.80	919
09:49:06	573.80	730
09:49:06	573.80	371
09:49:06	573.80	750
09:49:06	573.80	2,221
09:49:06	573.80	1,000
09:49:07	573.70	2,019
09:49:07	573.70	1,193
09:49:07	573.70	906
09:49:07	573.70	1,727
09:49:07	573.70	1,000
09:49:07	573.70	1,222
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09:49:07	573.70	1,426

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09:51:20	574.50	2,630
09:51:20	574.50	434
09:52:00	574.70	4,627
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09:53:01	574.70	1,200
09:53:01	574.80	804
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09:55:20	575.30	1,000
09:55:20	575.30	371
09:55:20	575.30	1,254
09:55:25	575.30	264
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09:55:25	575.30	2,620
09:55:30	575.30	774
09:55:30	575.30	77
09:55:30	575.30	1,301
09:55:35	575.30	1,820
09:55:35	575.30	371
09:55:40	575.30	1,930
09:55:40	575.30	264
09:56:00	575.20	4,256
09:56:00	575.20	977
09:56:00	575.20	371
09:56:00	575.20	4,236
09:57:15	575.20	4,211
09:57:15	575.20	5,845
09:57:57	575.40	1,931
09:58:00	575.40	953
09:58:00	575.40	2,286
09:58:23	575.10	5,226
09:58:59	575.40	5,771
10:00:15	575.50	5,845
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10:05:19	576.10	1,500



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10:07:11	576.40	1,722
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10:10:10	577.00	936
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10:11:24	576.70	2,001
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10:14:29	576.70	1,289
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10:14:34	576.60	1,068
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10:14:34	576.60	526
10:14:34	576.60	185
10:15:04	576.50	930
10:15:11	576.60	1,289
10:15:11	576.60	1,206
10:15:50	576.30	5,208
10:15:50	576.30	554
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10:17:42	576.10	750
10:17:42	576.10	2,667
10:17:42	576.10	1,428
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10:19:01	576.70	3,243

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10:19:16	576.60	492
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10:19:16	576.60	433
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10:19:38	576.70	213
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10:23:56	577.80	5,845
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10:24:56	577.80	2,241
10:24:56	577.80	2,000
10:24:56	577.80	3,207
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10:26:21	578.30	2,966
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10:27:32	578.00	1,312
10:27:32	578.00	397
10:28:40	578.00	3,427
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10:31:21	578.80	2,686
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10:36:18	578.70	2,439
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10:44:47	578.70	5,845
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10:45:31	578.90	2,110
10:45:31	578.90	83
10:45:31	578.90	805
10:45:31	578.90	1,393
10:45:31	578.90	874
10:46:32	578.70	5,845
10:47:16	578.90	657
10:47:16	578.90	5,188
10:48:01	578.50	5,446
10:48:46	578.80	1,327
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10:49:42	578.40	4,689
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10:50:40	578.20	5,184
10:51:22	577.80	2,301
10:51:32	577.80	2,730
10:51:45	577.80	2,605
10:52:08	577.90	3,906

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10:53:58	578.50	5,587
10:54:32	578.60	4,690
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10:55:17	578.40	1,831
10:55:17	578.40	3,409
10:55:17	578.40	98
10:55:55	578.00	5,845
10:56:20	578.00	1,334
10:56:42	577.90	978
10:56:42	577.90	3,265
10:56:42	577.90	340
10:56:42	577.90	909
10:57:57	578.40	880
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10:59:14	578.30	1,525
10:59:14	578.30	144
10:59:14	578.30	141
10:59:14	578.30	1,754
10:59:14	578.30	1,265
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11:00:33	578.40	1,389
11:00:53	578.70	5,292
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11:04:13	579.10	5,754
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11:05:43	579.70	1,230
11:05:43	579.70	1,000
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11:06:26	579.50	181
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11:06:26	579.50	3,295
11:06:26	579.50	817
11:06:26	579.50	1,181
11:06:53	579.40	3,038
11:07:11	579.40	2,807
11:07:29	579.30	2,994

11:07:40	579.30	541
11:07:40	579.30	728
11:07:40	579.30	1,582
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11:09:22	579.50	5,494
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11:12:16	580.00	1,343
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11:12:22	579.90	165
11:12:22	579.90	1,130
11:12:23	579.90	6
11:12:24	579.90	20
11:12:25	579.90	209
11:12:25	579.90	320
11:12:25	579.90	236
11:12:27	579.90	117
11:12:28	579.90	77
11:12:28	579.90	215
11:12:28	579.90	22
11:12:40	579.90	2,946
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11:13:15	579.90	1,966
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11:14:00	579.90	244
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11:14:48	580.10	664
11:14:48	580.10	1,594
11:14:48	580.10	2,659
11:14:48	580.10	462
11:15:59	579.90	285
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11:16:14	579.90	1,981
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11:16:47	579.90	2,000
11:18:00	579.80	5,382
11:18:20	579.70	5,727
11:19:39	579.60	3,257
11:19:41	579.60	2,045
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11:20:25	579.80	2,833
11:20:53	579.80	5,845
11:21:23	579.60	5,845
11:22:19	579.70	5,845
11:23:23	579.60	5,845
11:24:43	579.50	426
11:24:43	579.50	1,254

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11:24:48	579.50	1,222
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11:24:51	579.50	1,700
11:24:51	579.50	1,100
11:24:51	579.50	1,000
11:25:32	579.60	554
11:25:32	579.60	1,000
11:25:43	579.60	3,800
11:25:43	579.60	2,045
11:26:19	579.60	554
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11:27:06	579.80	1,000
11:27:16	579.80	1,000
11:27:21	579.80	1,000
11:27:30	579.80	1,332
11:27:30	579.80	3,723
11:27:55	579.90	739
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11:27:55	579.90	1,458
11:28:39	580.00	3,274
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11:29:26	580.00	554
11:29:26	580.00	975
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11:32:18	580.20	1,439
11:32:23	580.20	1,000
11:32:23	580.20	617
11:32:40	580.10	5,845
11:32:40	580.10	1,792
11:33:18	580.10	265
11:33:18	580.10	3,451
11:33:56	580.00	1,362
11:33:57	580.00	2,500
11:33:57	580.00	1,595
11:33:57	580.00	388
11:34:59	579.80	18
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11:35:04	579.80	516
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11:35:22	579.80	2,000
11:35:22	579.80	1,542
11:35:30	579.70	1,733
11:35:30	579.70	4,112
11:35:31	579.70	2,000

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11:35:31	579.70	416
11:36:30	579.80	3,594
11:37:08	580.10	4,810
11:38:37	579.90	554
11:38:42	579.90	2,000
11:38:42	579.90	1,000
11:38:42	579.90	1,230
11:38:42	579.80	5,122
11:39:03	579.80	182
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11:39:48	579.80	5,075
11:39:52	579.90	816
11:39:52	579.90	935
11:41:08	580.00	1,447
11:41:08	580.00	1,580
11:41:08	580.00	2,236
11:41:08	580.00	652
11:41:08	580.00	715
11:42:03	580.20	200
11:42:03	580.20	1,242
11:42:05	580.20	53
11:42:05	580.20	1,000
11:42:12	580.20	4,792
11:42:12	580.20	3,898
11:43:01	580.40	2,287
11:43:01	580.40	3,509
11:44:16	580.50	5,845
11:44:40	580.40	100
11:44:40	580.40	800
11:45:20	580.50	5,397
11:45:40	580.40	5,028
11:46:55	580.60	2,541
11:46:55	580.60	1,813
11:46:55	580.60	20
11:47:00	580.60	37
11:47:00	580.60	84
11:47:01	580.60	8
11:47:01	580.60	1,042
11:47:01	580.60	300
11:48:01	580.80	2,738
11:48:01	580.80	2,887
11:48:46	581.00	779
11:48:46	581.00	796
11:48:46	581.00	1,183
11:48:46	581.00	1,000
11:48:51	581.00	2,830
11:48:51	581.00	112
11:49:41	580.90	1,230
11:49:55	580.90	2,967

11:50:12	580.90	554
11:50:13	580.80	518
11:50:13	580.80	34
11:50:13	580.80	1,364
11:50:13	580.80	1,842
11:50:13	580.80	2,000
11:50:13	580.80	1,600
11:50:14	580.80	458
11:50:14	580.80	622
11:50:14	580.80	863
11:50:14	580.80	302
11:51:20	580.70	363
11:51:20	580.70	100
11:51:20	580.70	1,482
11:52:43	581.10	5,814
11:53:42	581.50	4,802
11:55:15	581.60	1,206
11:55:20	581.50	1,206
11:55:20	581.50	1,479
11:55:25	581.50	900
11:55:25	581.50	1,206
11:56:25	581.50	2,175
11:56:25	581.50	451
11:56:25	581.50	3,219
11:56:25	581.50	5,845
11:56:26	581.50	2,000
11:56:26	581.50	1,708
11:56:26	581.50	329
11:56:33	581.40	40
11:56:33	581.40	285
11:56:35	581.30	193
11:56:35	581.30	1,073
11:57:19	581.40	2,438
11:57:19	581.40	2,000
11:57:19	581.40	1,480
11:57:19	581.40	97
11:57:19	581.40	819
11:58:09	581.60	4,136
11:58:14	581.60	1,662
11:58:19	581.60	1,992
11:58:19	581.60	1,218
11:58:22	581.40	1,746
11:58:42	581.40	31
12:03:28	582.20	1,738
12:03:33	582.20	66
12:03:33	582.20	352
12:03:45	582.20	2,000
12:03:50	582.20	1,174
12:04:03	582.30	1,081
12:04:03	582.30	4,628



12:04:15	582.10	1,287
12:04:15	582.10	620
12:04:15	582.10	464
12:04:15	582.10	932
12:04:15	582.10	2,140
12:05:09	582.10	1,977
12:05:09	582.10	246
12:05:09	582.10	500
12:05:09	582.10	1,047
12:05:09	582.10	894
12:05:09	582.10	1,181
12:05:55	582.00	5,845
12:07:06	582.20	401
12:07:15	582.20	218
12:07:15	582.20	1,015
12:07:17	582.20	285
12:07:17	582.20	750
12:07:22	582.20	102
12:07:27	582.20	750
12:07:32	582.20	2,000
12:07:36	582.10	3,161
12:08:36	582.10	2,000
12:08:41	582.10	100
12:08:50	582.20	884
12:08:50	582.20	426
12:08:50	582.20	1,478
12:10:47	582.20	351
12:10:47	582.20	2,801
12:10:47	582.20	2,693
12:10:47	582.20	2,000
12:10:47	582.20	2,000
12:10:47	582.20	750
12:10:47	582.20	1,095
12:10:52	582.20	88
12:10:52	582.20	285
12:10:52	582.20	1,074
12:10:52	582.20	200
12:10:52	582.20	2,000
12:10:56	582.00	2,413
12:10:57	582.00	431
12:10:57	582.00	175
12:11:31	582.00	5,845
12:11:31	582.00	1,230
12:11:31	582.10	1,633
12:11:31	582.00	134
12:11:31	582.00	651
12:12:29	582.10	1,277
12:12:29	582.10	1,557
12:12:29	582.10	1,359
12:12:29	582.10	587

12:12:29	582.10	527
12:13:10	582.10	831
12:13:10	582.10	2,520
12:13:10	582.10	1,478
12:13:10	582.10	100
12:13:15	582.10	1,277
12:13:52	582.00	3,529
12:15:33	582.20	1,202
12:15:33	582.20	9,579
12:15:33	582.20	2,575
12:15:33	582.20	600
12:15:33	582.20	554
12:15:46	582.20	301
12:15:53	582.20	416
12:15:53	582.20	1,853
12:15:53	582.20	630
12:17:08	582.30	6,000
12:17:32	582.30	1,191
12:17:32	582.30	1,600
12:17:32	582.30	2,928
12:19:10	582.40	5,844
12:19:10	582.40	1
12:19:33	582.40	1,301
12:19:33	582.40	550
12:19:33	582.40	1,476
12:19:47	582.40	1,218
12:19:52	582.40	1,461
12:20:52	582.60	1,930
12:21:11	582.60	565
12:21:11	582.60	3,219
12:21:11	582.60	5,845
12:22:05	582.60	1,266
12:22:05	582.60	550
12:22:05	582.60	2,046
12:22:05	582.60	426
12:22:10	582.60	1,428
12:22:21	582.50	5,845
12:24:51	582.70	441
12:24:51	582.70	3,949
12:25:12	582.90	554
12:25:12	582.90	1,142
12:25:12	582.90	4,149
12:25:12	582.90	1,195
12:25:12	582.90	2,198
12:25:12	582.90	2,452
12:26:13	583.20	1,445
12:26:25	583.20	5,485
12:26:48	583.20	5,749
12:28:03	582.90	5,260
12:28:07	582.90	1,206

12:28:07	582.90	16
12:28:43	582.90	5,211
12:28:43	582.90	151
12:29:49	583.00	1,007
12:29:49	583.00	1,052
12:29:49	583.00	1,000
12:29:54	583.00	393
12:29:54	583.00	1,000
12:29:54	583.00	130
12:29:54	583.00	783
12:29:54	583.00	460
12:30:02	582.90	564
12:30:02	582.90	1,048
12:30:02	582.90	4,233
12:31:08	582.60	835
12:31:27	582.80	1,000
12:31:27	582.80	493
12:31:27	582.80	1,018
12:31:37	582.80	2,372
12:31:37	582.80	53
12:31:37	582.80	3,420
12:31:39	582.70	2,770
12:32:54	582.80	5,623
12:33:30	582.80	5,557
12:34:14	582.80	5,845
12:35:51	583.00	269
12:36:52	583.20	130
12:36:52	583.20	1,242
12:37:00	583.20	5,845
12:37:00	583.00	5,000
12:37:00	583.00	845
12:37:00	583.00	5,000
12:37:00	583.00	845
12:39:09	583.30	4,752
12:39:47	583.30	5,845
12:41:08	583.30	1,301
12:41:08	583.30	600
12:41:08	583.30	1,000
12:41:13	583.30	2,000
12:41:13	583.30	762
12:41:58	583.10	5,845
12:42:14	583.00	4,218
12:42:14	583.00	1,408
12:43:18	583.20	5,845
12:44:29	583.30	5,845
12:45:04	583.30	5,190
12:45:43	583.00	376
12:45:43	583.00	376
12:45:43	583.00	592
12:46:24	583.10	5,596

12:47:25	583.20	1,200
12:47:25	583.30	2,000
12:47:25	583.30	1,242
12:47:25	583.30	1,000
12:47:25	583.30	460
12:48:13	583.30	1,200
12:48:18	583.30	1,047
12:48:44	583.30	3,800
12:48:44	583.30	2,045
12:48:44	583.30	2,440
12:49:04	583.20	900
12:49:15	583.20	5,151
12:50:20	583.20	5,531
12:50:40	583.20	1,000
12:51:27	583.10	1,000
12:51:36	583.10	4,073
12:51:40	583.10	5,845
12:52:49	583.00	5,661
12:52:57	583.00	550
12:52:57	583.00	776
12:53:09	582.90	5,094
12:54:04	582.90	331
12:54:18	582.90	5,493
12:55:16	583.00	2,873
12:55:16	583.00	1,000
12:55:39	583.00	500
12:55:39	583.00	1,446
12:55:39	583.00	952
12:55:39	583.00	278
12:56:03	583.00	2,546
12:56:04	583.00	2,169
12:56:04	583.00	130
12:56:04	583.00	370
12:56:40	582.90	5,333
12:57:21	582.80	5,217
12:57:59	582.70	1,230
12:58:19	582.60	3,027
12:58:19	582.60	2,395
12:59:52	582.50	2,000
13:00:00	582.60	844
13:00:00	582.60	2,139
13:00:00	582.60	1,240
13:00:03	582.50	3,110
13:00:03	582.50	35
13:00:03	582.50	5,666
13:01:10	582.40	2,707
13:02:32	582.60	2,000
13:02:32	582.60	1,000
13:02:32	582.60	100
13:02:32	582.60	100

13:02:32	582.50	5,845
13:02:48	582.50	4,608
13:03:13	582.60	3,335
13:04:30	582.60	5,845
13:04:49	582.70	5,845
13:06:31	582.70	100
13:06:31	582.70	100
13:06:31	582.70	570
13:06:31	582.70	1,609
13:06:42	582.80	2,000
13:06:47	582.90	220
13:06:47	582.90	1,816
13:06:54	582.90	5,560
13:06:55	582.80	3,280
13:07:49	582.90	2,935
13:08:20	582.80	5,432
13:09:42	582.80	2,000
13:09:42	582.80	100
13:09:42	582.80	100
13:09:42	582.80	550
13:09:47	582.80	100
13:09:47	582.80	100
13:09:47	582.80	488
13:09:52	582.80	32
13:09:52	582.80	100
13:09:52	582.80	98
13:09:52	582.80	815
13:09:57	582.80	100
13:09:57	582.80	100
13:09:57	582.80	794
13:10:39	582.90	412
13:10:39	582.90	100
13:10:39	582.90	100
13:10:39	582.90	750
13:10:39	582.90	1,000
13:10:40	582.90	1,747
13:10:40	582.90	1,729
13:11:51	582.90	2,000
13:11:51	582.90	1,000
13:11:55	582.80	5,845
13:11:56	582.80	5,845
13:13:04	582.60	3,539
13:14:43	582.80	1,218
13:14:48	582.80	426
13:14:48	582.80	100
13:14:48	582.80	100
13:15:49	582.80	5,845
13:16:29	583.00	3,239
13:16:29	583.00	2,192
13:16:29	583.00	790

13:16:30	583.00	100
13:16:31	583.00	100
13:16:36	583.00	100
13:16:36	583.00	100
13:16:36	583.00	1,183
13:16:36	583.00	1,822
13:16:57	582.90	1,232
13:16:57	582.90	1,263
13:17:09	582.80	1,580
13:18:17	582.90	1,200
13:19:27	583.10	1,824
13:19:35	583.00	1,195
13:19:35	583.00	254
13:20:57	583.20	1,462
13:21:03	583.10	1,747
13:21:08	583.00	262
13:21:17	583.10	5,233
13:22:07	583.30	1,557
13:22:08	583.30	1,000
13:22:12	583.30	2,000
13:22:12	583.30	1,000
13:22:12	583.30	721
13:22:18	583.20	1,679
13:22:18	583.20	1,200
13:22:18	583.20	130
13:22:19	583.20	122
13:23:52	583.20	1,423
13:23:55	583.20	1,288
13:25:27	583.30	2,252
13:26:49	583.30	1,208
13:26:49	583.30	1,296
13:27:49	583.30	2,127
13:27:49	583.30	1,251
13:27:51	583.30	749
13:27:51	583.30	1,286
13:27:51	583.30	285
13:27:55	583.30	1,716
13:29:21	583.10	1,231
13:29:36	583.00	376
13:29:36	583.00	376
13:29:36	583.00	1,048
13:30:02	582.90	1,268
13:30:02	582.90	1,202
13:30:14	583.00	100
13:30:32	583.00	4,043
13:31:16	583.10	1,671
13:31:16	583.10	78
13:32:00	583.20	459
13:32:00	583.20	1,988
13:32:00	583.20	100

13:32:00	583.20	100
13:32:05	583.20	100
13:32:05	583.20	100
13:32:05	583.20	2,040
13:32:05	583.20	699
13:32:31	583.20	45
13:32:31	583.20	3,537
13:32:31	583.20	1,000
13:32:31	583.20	1,223
13:34:36	582.90	2,000
13:34:36	582.90	1,792
13:34:36	582.90	1,740
13:34:36	582.90	258
13:34:45	582.90	1,550
13:35:14	582.80	1,000
13:35:14	582.80	330
13:35:26	582.60	1,173
13:35:59	582.40	1,297
13:36:21	582.40	1,819
13:36:22	582.40	1,164
13:36:22	582.40	82
13:37:16	582.50	2,000
13:37:16	582.50	781
13:37:16	582.50	573
13:37:33	582.40	2,338
13:37:45	582.50	273
13:37:50	582.50	100
13:37:50	582.50	100
13:37:50	582.50	1,684
13:37:55	582.50	100
13:37:55	582.50	100
13:38:00	582.50	100
13:38:00	582.50	100
13:38:00	582.50	1,000
13:38:20	582.60	20
13:38:20	582.60	500
13:38:20	582.60	704
13:38:20	582.60	2,712
13:39:15	582.60	650
13:39:15	582.60	170
13:39:15	582.60	68
13:39:15	582.60	363
13:40:09	582.60	1,437
13:40:09	582.60	50
13:40:52	582.70	1,255
13:41:27	582.70	650
13:41:52	582.80	845
13:42:44	582.90	365
13:42:44	582.90	100
13:42:44	582.90	1,264

13:42:44	582.90	100
13:42:44	582.90	100
13:42:44	582.90	306
13:44:15	582.70	1,342
13:44:27	582.70	2,054
13:46:07	582.70	2,292
13:46:55	582.50	4,831
13:47:38	582.50	100
13:47:38	582.50	100
13:48:28	582.50	1,801
13:49:00	582.60	2,000
13:49:00	582.60	1,000
13:49:05	582.60	1,139
13:49:05	582.60	688
13:49:06	582.50	1,572
13:49:06	582.50	100
13:49:10	582.40	1,228
13:49:12	582.40	1,723
13:49:43	582.50	1,487
13:50:52	582.50	978
13:50:52	582.50	118
13:50:52	582.50	302
13:50:52	582.50	130
13:50:52	582.50	1,052
13:53:35	582.50	1,559
13:53:35	582.40	376
13:53:35	582.50	1,000
13:53:35	582.50	132
13:54:14	582.40	285
13:54:14	582.40	100
13:54:14	582.40	100
13:54:14	582.40	376
13:54:14	582.40	1,000
13:54:19	582.40	2,000
13:54:19	582.40	100
13:54:19	582.40	100
13:54:19	582.40	50
13:58:33	582.50	1,580
13:58:38	582.50	285
13:59:06	582.50	3,127
13:59:15	582.30	5,342
13:59:16	582.30	1,218
13:59:16	582.30	562
14:01:00	582.40	2,000
14:01:00	582.40	814
14:01:00	582.40	100
14:01:00	582.40	100
14:01:00	582.40	100
14:01:00	582.40	2,000
14:01:00	582.40	100



14:01:00	582.40	100
14:01:00	582.40	261
14:01:00	582.40	100
14:01:00	582.40	1,193
14:01:00	582.40	848
14:01:58	582.60	2,000
14:02:03	582.60	1,416
14:03:45	582.80	130
14:03:53	582.80	5,845
14:03:53	582.80	1,000
14:03:53	582.80	1,195
14:04:03	582.80	100
14:04:03	582.80	100
14:04:03	582.80	100
14:04:03	582.80	3,016
14:04:03	582.80	461
14:05:22	582.60	230
14:05:22	582.60	1,000
14:05:22	582.60	873
14:05:26	582.60	100
14:05:26	582.60	100
14:05:26	582.60	100
14:05:26	582.60	314
14:05:31	582.60	100
14:05:31	582.60	100
14:05:31	582.60	100
14:05:31	582.60	794
14:05:36	582.60	100
14:05:36	582.60	100
14:05:36	582.60	100
14:05:36	582.60	329
14:05:36	582.60	371
14:05:42	582.60	100
14:05:42	582.60	100
14:05:42	582.60	100
14:05:42	582.60	329
14:05:42	582.60	722
14:06:56	582.40	67
14:06:56	582.40	5,122
14:08:38	582.40	5,212
14:08:39	582.40	1,252
14:10:42	582.10	142
14:10:42	582.10	3,599
14:10:44	582.10	1,587
14:11:58	581.90	4,875
14:11:58	581.90	338
14:11:58	581.90	916
14:13:19	582.00	1,620
14:13:19	582.00	1,590
14:13:19	582.00	100

14:13:19	582.00	100
14:13:19	582.00	100
14:13:19	582.00	100
14:13:19	582.00	811
14:13:19	582.00	1,230
14:13:24	581.90	2,000
14:13:24	581.90	2,956
14:13:24	581.90	700
14:15:14	581.90	4,958
14:15:26	581.90	92
14:15:26	581.90	1,224
14:18:28	581.90	956
14:18:30	581.90	3,919
14:19:29	581.90	5,845
14:19:50	582.00	569
14:19:50	582.00	1,301
14:19:55	582.00	2,067
14:19:55	582.00	1,301
14:19:55	582.00	173
14:19:55	582.00	872
14:20:47	582.00	1,441
14:20:47	582.00	100
14:20:47	582.00	100
14:20:47	582.00	100
14:20:47	582.00	100
14:20:47	582.00	414
14:20:47	582.00	381
14:20:47	582.00	1,000
14:20:56	582.00	1,430
14:21:15	582.10	1,420
14:21:23	582.10	1,840
14:21:23	582.10	2,911
14:22:16	582.10	1,200
14:22:21	582.10	100
14:22:21	582.10	100
14:22:21	582.10	100
14:22:21	582.10	100
14:22:24	582.00	1,318
14:22:24	582.00	1,183
14:22:28	582.10	100
14:22:28	582.10	100
14:22:28	582.10	100
14:22:28	582.10	1,581
14:22:28	582.10	613
14:22:33	582.00	1,590
14:23:01	582.10	2,000
14:23:01	582.10	1,644
14:24:41	582.10	4,448
14:24:41	582.10	1,707

14:24:42	582.00	4,228
14:24:42	582.00	1,000
14:24:42	582.00	262
14:26:29	582.00	6
14:26:29	582.00	4,690
14:26:29	582.00	130
14:26:29	582.00	1,242
14:26:29	582.00	666
14:28:01	582.10	3,940
14:28:35	582.30	2,176
14:28:35	582.30	100
14:28:35	582.30	100
14:28:35	582.30	5
14:28:45	582.30	1,855
14:28:45	582.30	3,541
14:29:52	582.40	54
14:30:00	582.30	3,800
14:30:00	582.30	296
14:30:00	582.30	510
14:30:01	582.50	2,000
14:30:07	582.60	329
14:30:07	582.60	100
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14:30:07	582.60	100
14:30:07	582.60	100
14:30:10	582.60	100
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14:30:10	582.60	100
14:30:10	582.60	1
14:30:10	582.60	100
14:30:10	582.60	3,338
14:30:10	582.60	34
14:30:12	582.60	66
14:30:12	582.60	100
14:30:12	582.60	100
14:30:12	582.60	100
14:30:12	582.60	347
14:30:12	582.60	1,000
14:30:12	582.60	462
14:30:12	582.60	100
14:30:12	582.60	347
14:30:12	582.60	100
14:30:12	582.60	100
14:30:12	582.60	100
14:30:12	582.60	347
14:30:12	582.60	347
14:30:12	582.60	347
14:30:12	582.60	256
14:30:12	582.60	332

14:30:15	582.40	300
14:30:28	582.60	175
14:30:31	582.60	1,798
14:30:31	582.70	594
14:30:31	582.70	2,080
14:30:33	582.80	1,571
14:30:33	582.80	3,630
14:30:33	582.80	100
14:30:33	582.80	100
14:30:33	582.80	100
14:30:33	582.80	100
14:30:33	582.80	1,301
14:30:33	582.80	571
14:30:41	582.90	2,121
14:30:41	582.90	4,071
14:31:39	582.90	460
14:31:44	582.90	100
14:31:44	582.90	100
14:31:44	582.90	100
14:31:44	582.90	100
14:31:49	582.90	2,000
14:31:49	582.90	100
14:31:49	582.90	100
14:31:49	582.90	100
14:31:49	582.90	100
14:31:49	582.90	2,117
14:31:59	583.00	2,710
14:31:59	583.00	2,000
14:31:59	583.00	100
14:31:59	583.00	100
14:31:59	583.00	100
14:31:59	583.00	404
14:32:08	583.00	380
14:32:08	583.00	2,716
14:32:08	583.00	100
14:32:08	583.00	100
14:32:08	583.00	100
14:32:08	583.00	2,000
14:32:08	583.00	167
14:32:08	583.00	145
14:32:23	582.90	2,000
14:32:23	582.90	100
14:32:23	582.90	100
14:32:23	582.90	100
14:32:23	582.90	2,000
14:32:23	582.90	2,000
14:32:23	582.90	632
14:32:35	582.90	2,261
14:32:35	583.00	870
14:32:35	583.00	1,830

14:32:38	583.00	920
14:32:38	583.00	100
14:32:38	583.00	100
14:32:38	583.00	80
14:32:52	583.10	647
14:32:52	583.10	744
14:32:52	583.10	100
14:32:52	583.10	100
14:32:52	583.10	100
14:32:52	583.10	3,024
14:33:07	583.10	100
14:33:07	583.10	100
14:33:07	583.10	100
14:33:07	583.10	1,783
14:33:07	583.10	459
14:33:17	583.00	3,213
14:33:17	583.00	2,000
14:33:22	583.00	1,900
14:33:22	583.00	285
14:33:22	583.00	1,586
14:33:22	583.00	428
14:33:36	583.00	100
14:33:36	583.00	100
14:33:36	583.00	100
14:33:36	583.00	499
14:33:36	583.00	1,472
14:33:41	583.00	100
14:33:41	583.00	100
14:33:41	583.00	100
14:33:57	583.00	282
14:33:57	583.00	100
14:33:57	583.00	100
14:33:57	583.00	100
14:34:02	583.00	100
14:34:02	583.00	100
14:34:02	583.00	100
14:34:02	583.00	282
14:34:07	583.00	100
14:34:07	583.00	282
14:34:07	583.00	100
14:34:07	583.00	100
14:34:12	583.00	100
14:34:12	583.00	100
14:34:12	583.00	282
14:34:12	583.00	100
14:34:12	583.00	3,745
14:34:17	583.00	793
14:34:17	583.00	100
14:34:17	583.00	100
14:34:17	583.00	100

14:34:17	583.00	282
14:34:17	583.00	2,455
14:34:18	583.00	100
14:34:18	583.00	100
14:34:18	583.00	100
14:34:19	583.00	2,708
14:34:22	583.00	100
14:34:22	583.00	100
14:34:22	583.00	100
14:34:27	583.00	100
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14:34:27	583.00	100
14:34:27	583.00	3,933
14:34:32	583.00	100
14:34:32	583.00	100
14:34:32	583.00	100
14:34:32	583.00	2,952
14:34:47	582.90	5,000
14:35:11	583.00	2,720
14:35:11	583.00	3,172
14:35:11	583.00	100
14:35:11	583.00	298
14:35:15	582.90	4,377
14:35:18	582.90	1,230
14:35:23	582.90	1,230
14:35:23	582.90	100
14:35:23	582.90	57
14:36:24	582.70	4,061
14:36:24	582.70	1,469
14:38:01	582.10	434
14:38:02	582.10	884
14:38:02	582.10	750
14:38:08	582.10	100
14:38:08	582.10	100
14:38:08	582.10	1,242
14:38:08	582.10	100
14:38:11	582.00	1,479
14:38:15	581.90	1,242
14:38:15	581.90	376
14:38:15	581.90	4,227
14:38:20	581.90	1,242
14:38:20	581.90	260
14:38:20	581.90	100
14:38:20	581.90	100
14:38:20	581.90	100
14:38:20	581.90	1,781
14:38:29	582.00	500
14:38:29	582.00	1,424
14:38:29	582.00	848
14:38:29	582.00	587

14:39:06	581.60	376
14:39:08	581.60	1,500
14:39:08	581.60	500
14:39:08	581.60	500
14:39:08	581.60	500
14:39:08	581.60	484
14:39:33	581.90	1,857
14:39:40	581.80	4,244
14:39:49	581.70	1,206
14:40:42	581.90	4,499
14:41:09	581.90	1,720
14:41:09	581.90	100
14:41:09	581.90	17
14:41:13	581.90	3,731
14:41:13	581.90	203
14:41:14	581.90	1,943
14:41:39	581.80	2,924
14:41:39	581.80	100
14:41:39	581.80	100
14:41:39	581.80	100
14:41:39	581.80	100
14:41:43	581.80	1,555
14:43:05	582.00	551
14:43:05	582.00	100
14:43:05	582.00	100
14:43:05	582.00	100
14:43:05	582.00	2,869
14:43:05	582.00	1,000
14:43:05	582.00	1,000
14:43:05	582.00	723
14:44:11	582.00	100
14:44:11	582.00	100
14:44:11	582.00	797
14:44:11	582.00	100
14:44:11	582.00	100
14:44:11	582.00	2,000
14:44:11	582.00	1,000
14:44:18	581.80	100
14:44:18	581.80	100
14:44:18	581.80	100
14:44:18	581.80	100
14:44:23	581.80	4,913
14:44:30	581.80	795
14:44:30	581.80	100
14:44:30	581.80	100
14:44:30	581.80	100
14:44:30	581.80	100
14:44:35	581.80	100
14:44:35	581.80	100

14:44:35	581.80	100
14:44:35	581.80	100
14:44:35	581.80	376
14:44:35	581.80	412
14:45:34	581.70	4,280
14:45:35	581.70	100
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14:45:40	581.70	100
14:45:40	581.70	100
14:45:40	581.70	100
14:45:40	581.70	714
14:45:40	581.70	285
14:45:40	581.70	149
14:46:03	581.70	100
14:46:03	581.70	100
14:46:03	581.70	100
14:46:31	581.90	100
14:46:31	581.90	100
14:46:31	581.90	100
14:46:31	581.90	1,420
14:46:31	581.90	2,438
14:46:31	581.90	795
14:46:50	581.80	534
14:46:50	581.80	1,277
14:46:50	581.80	100
14:46:50	581.80	100
14:46:50	581.80	100
14:46:50	581.80	1,000
14:46:55	581.80	2,928
14:46:55	581.80	713
14:47:09	581.80	1,856
14:47:09	581.80	100
14:47:09	581.80	100
14:47:09	581.80	100
14:47:09	581.80	376
14:47:09	581.80	795
14:47:09	581.80	1,000
14:47:14	581.80	1,499
14:47:27	581.90	1,522
14:47:27	581.90	795
14:47:27	581.90	1,277
14:47:27	581.90	100
14:47:27	581.90	100
14:47:27	581.90	100
14:47:27	581.90	1,645
14:47:46	581.80	100
14:47:46	581.80	100
14:47:46	581.80	100
14:47:46	581.80	795



14:47:46	581.80	2,422
14:47:51	581.80	2,461
14:48:33	581.80	100
14:48:33	581.80	100
14:48:33	581.80	100
14:48:38	581.90	390
14:48:38	581.90	100
14:48:38	581.90	100
14:48:38	581.90	100
14:48:38	581.90	1,080
14:48:38	581.90	2,835
14:48:48	581.80	100
14:48:48	581.80	100
14:48:48	581.80	100
14:48:57	581.80	5,599
14:48:57	581.80	305
14:49:56	581.80	139
14:49:56	581.80	795
14:49:56	581.80	100
14:49:56	581.80	100
14:49:56	581.80	100
14:49:56	581.80	1,000
14:50:01	581.80	100
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14:50:01	581.80	100
14:50:01	581.80	76
14:50:01	581.80	1,719
14:50:11	581.80	1
14:50:11	581.80	2,567
14:50:37	581.70	2,000
14:50:37	581.70	1,300
14:50:37	581.70	390
14:50:42	581.70	1,581
14:51:29	581.70	3,906
14:51:37	581.90	1,557
14:51:37	581.90	100
14:51:37	581.90	100
14:51:37	581.90	100
14:51:37	581.90	100
14:51:37	581.90	226
14:52:37	581.90	3,328
14:52:37	581.90	498
14:52:37	581.90	446
14:52:37	581.90	410
14:53:57	582.00	1,565
14:53:57	582.00	3,737
14:53:57	582.00	923
14:55:01	582.10	499
14:55:03	582.20	3,681
14:55:03	582.20	1,721

14:56:18	582.00	2,866
14:56:18	582.00	2,158
14:56:24	582.10	1,520
14:57:12	582.10	4,322
14:57:34	582.30	721
14:57:34	582.30	972
14:58:23	582.10	3,425
14:58:23	582.10	2,031
14:58:45	582.00	2,500
14:58:45	582.00	1,713
14:58:45	582.00	200
14:58:45	582.00	1,616
14:59:03	582.00	2,500
14:59:03	582.00	100
14:59:03	582.00	100
14:59:03	582.00	100
14:59:03	582.00	1,616
14:59:10	582.10	629
14:59:10	582.10	577
15:00:09	581.90	100
15:00:09	581.90	100
15:00:09	581.90	100
15:00:09	581.90	2,899
15:00:09	581.90	76
15:00:14	581.90	2,000
15:00:14	581.90	100
15:00:14	581.90	100
15:00:14	581.90	100
15:00:14	581.90	1,319
15:00:43	582.10	3,624
15:00:44	582.00	1,289
15:01:44	581.90	1,206
15:01:44	581.90	376
15:01:44	581.90	376
15:01:44	581.90	1,915
15:01:57	581.90	864
15:01:57	581.90	795
15:01:57	581.90	100
15:01:57	581.90	100
15:01:57	581.90	100
15:01:57	581.90	140
15:02:48	581.80	4,501
15:02:49	581.80	1,496
15:04:21	582.00	4,632
15:05:49	581.90	4,346
15:05:52	581.90	1,000
15:05:52	581.90	100
15:05:52	581.90	100
15:05:52	581.90	981
15:06:21	581.90	4,339

15:06:21	581.90	274
15:06:22	581.90	285
15:06:22	581.90	1,000
15:07:16	582.00	221
15:07:18	582.10	70
15:07:18	582.10	100
15:07:18	582.10	100
15:07:23	582.10	650
15:07:23	582.10	100
15:07:23	582.10	100
15:07:23	582.10	833
15:07:23	582.10	1,982
15:07:23	582.10	1,598
15:08:00	582.10	100
15:08:00	582.10	100
15:08:00	582.10	1,805
15:08:05	582.10	795
15:08:05	582.10	100
15:08:05	582.10	100
15:08:10	582.10	100
15:08:10	582.10	100
15:08:10	582.10	1,473
15:08:15	582.00	1,373
15:08:31	581.90	3,025
15:08:31	581.90	1,057
15:08:58	581.90	854
15:09:03	581.90	100
15:09:03	581.90	100
15:09:26	581.60	593
15:09:55	581.60	693
15:09:55	581.60	7
15:09:55	581.60	4,335
15:10:09	581.40	100
15:10:09	581.40	100
15:10:09	581.40	2,103
15:10:13	581.40	100
15:10:13	581.40	100
15:10:13	581.40	200
15:10:13	581.40	200
15:10:13	581.40	100
15:10:14	581.40	100
15:10:14	581.40	100
15:10:18	581.50	1,509
15:10:19	581.50	100
15:10:19	581.50	100
15:10:23	581.50	1,930
15:10:24	581.50	2,363
15:10:24	581.50	100
15:10:24	581.50	100
15:10:24	581.50	1,242

15:10:28	581.40	1,242
15:10:33	581.40	1,242
15:10:34	581.40	100
15:10:34	581.40	100
15:10:34	581.40	3,025
15:10:34	581.40	1,000
15:10:39	581.30	1,403
15:10:44	581.20	4,820
15:10:44	581.20	2,366
15:11:09	581.00	1,828
15:11:09	581.00	130
15:11:09	581.00	375
15:11:14	581.00	2,000
15:11:14	581.00	196
15:11:18	580.90	3,872
15:11:18	580.80	974
15:11:18	580.80	349
15:11:34	580.80	1,499
15:11:34	580.80	3,790
15:11:53	580.90	1,431
15:11:53	580.90	100
15:11:53	580.90	100
15:11:53	580.90	1,226
15:11:58	580.90	1,090
15:11:58	580.90	100
15:11:58	580.90	100
15:12:05	580.90	130
15:12:05	580.90	2,031
15:12:24	581.00	1,486
15:12:26	581.00	2,844
15:12:26	581.00	440
15:12:26	581.00	100
15:12:26	581.00	100
15:13:17	581.10	4,582
15:13:31	581.10	1,500
15:13:31	581.10	414
15:15:52	580.90	1,033
15:15:52	580.90	859
15:15:52	580.90	1,270
15:16:13	581.10	1,972
15:16:13	581.10	100
15:16:13	581.10	100
15:18:46	580.90	100
15:18:46	580.90	100
15:18:46	580.90	2,000
15:18:46	580.90	2,000
15:18:46	580.90	255
15:18:46	580.90	1,106
15:21:11	580.90	1,167
15:21:11	580.90	1,742

15:21:11	580.90	100
15:21:11	580.90	100
15:21:11	580.90	3,629
15:22:21	580.70	4,319
15:22:33	580.70	1,594
15:22:33	580.70	835
15:22:59	580.80	3,958
15:22:59	580.80	1,210
15:23:45	580.70	100
15:23:45	580.70	100
15:23:45	580.70	102
15:23:45	580.70	1,072
15:23:50	580.70	101
15:23:50	580.70	1,396
15:23:55	580.70	102
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15:24:00	580.70	100
15:24:00	580.70	100
15:24:00	580.70	1,847
15:24:41	580.70	100
15:24:41	580.70	100
15:24:41	580.70	119
15:24:41	580.70	727
15:24:43	580.70	635
15:24:45	580.70	1,197
15:25:02	580.80	2,000
15:25:02	580.80	912
15:26:04	580.60	3,883
15:26:20	580.70	1,783
15:26:57	580.80	1,000
15:27:00	580.70	4,051
15:27:07	580.60	5,587
15:27:39	580.70	100
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15:27:44	580.70	100
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15:27:50	580.80	254
15:27:50	580.80	1,336
15:27:50	580.80	147
15:27:54	580.70	1,594
15:27:54	580.70	1,000
15:27:54	580.70	100
15:27:54	580.70	100
15:27:59	580.70	797
15:27:59	580.70	100
15:27:59	580.70	10

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15:28:18	580.70	100
15:28:18	580.70	259
15:28:18	580.70	1,319
15:28:19	580.70	125
15:28:19	580.70	271
15:28:19	580.70	704
15:28:19	580.70	418
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15:28:24	580.70	3,772
15:28:25	580.60	1,198
15:28:48	580.60	1,269
15:28:48	580.60	150
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15:29:32	580.60	1,598
15:29:32	580.60	797
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15:29:37	580.60	1,210
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15:30:39	580.60	100
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15:30:45	580.50	635
15:30:54	580.50	722
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15:31:09	580.60	537
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15:31:09	580.60	15
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15:31:23	580.40	738
15:31:24	580.50	1,253
15:31:25	580.50	478
15:31:31	580.40	157
15:31:31	580.40	1,269
15:31:37	580.50	3,328
15:31:37	580.50	2,000
15:31:37	580.50	517
15:31:41	580.40	1,269
15:31:41	580.40	1,790
15:31:42	580.40	539
15:32:03	580.50	2,440

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15:32:03	580.50	1,896
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15:32:12	580.50	1,139
15:32:17	580.50	2,000
15:32:22	580.50	1,443
15:32:28	580.40	172
15:32:31	580.40	4,538
15:33:11	580.50	2,000
15:33:13	580.50	488
15:33:13	580.50	619
15:33:13	580.50	1,032
15:33:13	580.50	1,689
15:33:13	580.50	59
15:33:13	580.50	1,958
15:33:16	580.50	2,901
15:33:16	580.50	21
15:33:26	580.50	2,399
15:33:41	580.60	1,707
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15:33:41	580.60	3,417
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15:33:57	580.50	1,269
15:34:00	580.50	1,269
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15:34:34	580.50	2,149
15:34:36	580.50	3,061
15:34:36	580.50	539
15:34:36	580.50	4,139
15:34:48	580.60	1,206
15:34:48	580.60	4,639
15:34:52	580.50	235
15:34:52	580.50	634
15:34:52	580.50	4,976
15:34:54	580.50	1,206
15:35:06	580.40	1,206
15:35:06	580.40	375
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15:35:44	580.50	4,575
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15:35:49	580.60	1,014
15:35:49	580.60	3,459
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15:36:10	580.70	3,659
15:36:10	580.70	2,575
15:36:10	580.70	1,060
15:36:15	580.70	1,183
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15:37:19	580.60	1,301
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15:37:19	580.60	2,086
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15:37:27	580.70	2,136
15:37:27	580.70	531
15:37:29	580.60	959
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15:37:30	580.60	1,131
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15:37:37	580.50	221
15:37:37	580.50	17
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15:38:14	580.60	2,000
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15:38:41	580.60	1,600
15:38:41	580.60	31
15:38:41	580.60	1,235
15:38:48	580.40	380
15:38:48	580.40	2,643
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15:42:23	580.00	129
15:42:24	580.00	1,204
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15:42:59	579.90	2,034
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15:43:48	580.10	1,574
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15:44:28	580.20	1,000
15:44:28	580.20	2,000
15:44:34	580.10	1,880
15:44:35	580.10	1,860
15:44:59	580.40	1,332
15:45:23	580.60	303
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15:47:47	580.10	1,594
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15:49:36	579.50	4,195
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15:50:32	579.80	2,000
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15:51:06	579.60	1,788
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15:52:39	579.70	352
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15:53:03	579.70	500
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15:53:03	579.70	300
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15:53:31	579.80	2,000
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15:54:39	580.00	1,242
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15:54:44	580.00	288

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16:01:00	579.90	3,715
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16:02:45	579.60	837
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16:02:45	579.60	174
16:04:37	579.60	157
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16:04:58	579.80	1,238
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16:04:58	579.80	2,115
16:05:33	579.70	891
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16:05:52	579.70	634
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16:05:55	579.70	1,840
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16:06:59	579.60	1,000

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16:07:00	579.60	285
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16:07:00	579.60	525
16:07:35	579.30	826
16:07:35	579.30	4,115
16:07:36	579.30	5,845
16:07:39	579.20	2,752
16:07:40	579.20	718
16:07:41	579.20	635
16:07:41	579.20	976
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16:15:05	579.50	4,830
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16:17:24	579.60	1,196
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16:17:49	579.50	2,145
16:17:57	579.60	1,908
16:18:02	579.60	1,486
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16:18:02	579.60	157
16:18:02	579.60	138
16:18:02	579.60	1,289
16:18:02	579.60	1,684
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16:18:34	579.60	2,198
16:18:34	579.60	432
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16:18:51	579.50	285
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16:18:52	579.50	366
16:18:52	579.50	1,136
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16:18:53	579.50	54
16:19:02	579.40	373
16:19:02	579.40	796
16:19:02	579.40	363
16:19:02	579.40	144
16:19:02	579.40	78
16:19:02	579.40	69
16:19:02	579.40	42
16:19:02	579.40	21
16:19:44	579.40	124
16:19:44	579.40	463
16:19:44	579.40	247
16:19:45	579.40	24
16:19:45	579.40	135
16:19:45	579.40	30
16:19:46	579.40	313
16:19:46	579.40	89
16:19:46	579.40	59

16:19:46	579.40	17
16:19:46	579.40	14
16:19:52	579.40	523
16:19:53	579.40	421
16:19:53	579.40	1,076
16:19:53	579.40	67
16:19:53	579.40	100
16:19:54	579.40	110
16:19:54	579.40	440
16:19:54	579.40	1,169
16:19:54	579.40	85
16:19:54	579.40	260
16:19:55	579.40	1,254
16:19:55	579.40	188
16:19:56	579.40	1,254
16:19:57	579.40	428
16:19:58	579.40	211
16:19:59	579.40	160
16:19:59	579.40	31

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

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