

# HSBC HOLDINGS PLC

30 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:	30 November 2016
Number of ordinary shares of US\$0.50 each purchased:	2,667,703
Highest price paid per share:	£6.3670
Lowest price paid per share:	£6.2790
Volume weighted average price paid per share:	£6.3417

Following the purchase of these shares, the Company holds 270,891,576 of its ordinary shares in treasury and has 19,797,073,773 ordinary shares in issue (excluding treasury shares). Therefore the total voting rights in HSBC Holdings plc is 19,797,073,773. 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>
08:01:01	633.30	2,393
08:01:12	633.40	80
08:01:12	633.40	38
08:01:12	633.40	131
08:01:12	633.40	552
08:01:15	633.30	1,285
08:01:26	633.70	1,190
08:01:38	634.50	997
08:02:04	633.80	400
08:02:04	633.80	1,239
08:02:04	633.80	2,784
08:02:04	633.80	2,486
08:02:04	633.80	1,829
08:02:06	633.80	2,804
08:02:09	633.30	2,438
08:02:17	632.40	1,542
08:02:18	632.30	1,270
08:02:30	632.20	1,288
08:02:30	632.10	583
08:02:30	632.10	1,017
08:02:30	632.20	415
08:02:40	632.10	1,343
08:03:13	632.90	4,085

08:03:13	632.90	1,111
08:03:13	632.90	1,344
08:03:13	632.90	1,032
08:03:18	632.20	1,141
08:03:22	632.00	2,356
08:03:33	632.00	1,235
08:03:33	632.00	1,243
08:05:13	633.00	4,798
08:05:13	633.00	4,812
08:05:16	633.00	5,000
08:05:16	633.00	4,704
08:05:18	632.80	4,543
08:05:51	633.40	3,263
08:05:51	633.40	4,975
08:05:55	633.30	2
08:05:56	633.30	2,119
08:05:57	633.30	2,045
08:05:58	633.30	1,332
08:06:03	633.30	582
08:06:26	634.30	1,000
08:06:37	633.90	4,347
08:06:37	633.90	4,403
08:06:38	633.60	1,787
08:06:51	633.10	1,054
08:06:52	633.10	145
08:07:04	633.10	3,280
08:07:04	632.90	1,100
08:07:04	632.90	697
08:07:04	633.00	1,061
08:07:24	632.90	1,166
08:07:37	633.10	4,204
08:07:37	633.00	1,469
08:07:37	633.10	1,987
08:07:56	633.20	4,053
08:08:10	633.00	704
08:08:10	633.10	2,380
08:08:13	632.90	1,536
08:08:13	632.90	1,304
08:08:25	633.10	704
08:08:32	633.10	704
08:08:35	633.00	704
08:08:39	633.10	271
08:08:40	633.10	504
08:08:53	633.10	640
08:09:08	633.30	3,481
08:09:13	633.10	1,869
08:09:13	633.10	2,251
08:09:13	633.00	3,362
08:09:14	632.90	1,000
08:09:14	632.90	1,000

08:09:27	633.00	2,480
08:09:27	633.00	680
08:09:27	633.00	891
08:09:31	632.90	1,161
08:09:56	633.00	391
08:09:56	633.00	1,138
08:09:58	633.00	2,500
08:09:58	633.00	1,622
08:10:02	633.00	1,162
08:10:07	633.30	1,651
08:10:10	633.30	6
08:10:10	633.30	1,137
08:10:14	633.30	1,143
08:10:23	633.20	560
08:10:23	633.20	560
08:10:25	633.20	560
08:10:26	633.20	560
08:10:27	633.20	560
08:10:29	633.20	560
08:10:30	633.20	560
08:10:32	633.20	560
08:10:34	633.20	560
08:10:36	633.20	560
08:10:37	633.10	1,000
08:10:37	633.10	1,080
08:10:38	633.10	560
08:10:40	633.10	1,363
08:11:03	632.90	2,829
08:11:03	632.80	1,495
08:11:23	633.20	666
08:11:24	633.20	820
08:11:24	633.20	2,000
08:11:25	633.20	820
08:11:29	633.30	1,782
08:11:30	633.30	1,395
08:11:32	633.20	2,995
08:11:33	633.10	1,184
08:11:55	633.60	189
08:11:55	633.60	657
08:11:55	633.60	413
08:12:00	633.60	1,132
08:12:33	633.50	4,586
08:12:33	633.50	1,200
08:12:33	633.60	2,000
08:12:33	633.60	1,563
08:12:33	633.60	930
08:12:33	633.50	2,000
08:12:34	633.50	939
08:12:36	633.30	1,204
08:12:42	633.10	2,302

08:12:43	632.90	1,306
08:13:10	633.10	779
08:13:26	633.10	1,726
08:13:27	633.00	655
08:13:27	633.00	3,040
08:13:31	632.90	2,073
08:13:48	632.60	901
08:14:20	632.80	672
08:14:20	632.80	1,714
08:14:42	632.70	1,296
08:16:30	633.30	2,000
08:16:33	633.30	2,000
08:16:36	633.30	2,000
08:16:39	633.40	195
08:16:39	633.40	620
08:16:39	633.40	2,000
08:16:39	633.40	982
08:16:39	633.40	1,200
08:16:39	633.40	1,100
08:16:39	633.40	740
08:16:46	633.20	3,320
08:16:46	633.20	620
08:16:49	633.20	3,162
08:16:56	633.00	2,689
08:17:32	633.20	1,488
08:17:32	633.20	143
08:17:59	633.30	1,472
08:18:27	633.60	2,743
08:18:27	633.60	174
08:18:27	633.60	2,743
08:18:39	633.60	135
08:18:39	633.60	2,198
08:19:02	633.70	1,283
08:19:02	633.70	2,130
08:19:05	633.50	646
08:19:05	633.50	944
08:20:06	634.00	747
08:20:06	634.00	381
08:20:26	634.10	2,021
08:20:27	634.10	1,628
08:20:59	633.90	4,550
08:20:59	633.90	670
08:20:59	633.90	2,000
08:20:59	633.90	349
08:21:10	633.80	1,550
08:22:02	633.70	3,245
08:22:02	633.60	1,360
08:22:35	633.70	1,909
08:23:20	633.70	704
08:23:20	633.70	968

08:23:56	633.70	2,343
08:23:56	633.70	633
08:24:00	633.50	2,118
08:24:57	633.80	1,555
08:25:06	633.80	885
08:25:12	633.90	823
08:25:12	633.90	416
08:25:14	634.10	2,000
08:25:21	634.10	2,000
08:25:23	634.10	2,000
08:25:23	634.10	437
08:25:24	634.10	2,000
08:25:32	634.00	3,652
08:25:32	634.10	2,000
08:25:32	634.10	890
08:25:38	633.90	3,712
08:25:39	633.90	400
08:25:59	633.90	976
08:25:59	633.90	2,027
08:26:37	633.90	1,456
08:26:37	633.90	152
08:26:37	633.90	1,425
08:28:26	634.30	2,515
08:28:26	634.30	2,229
08:28:26	634.30	23
08:28:57	634.30	2,993
08:30:14	634.60	2,109
08:30:14	634.60	1,472
08:30:15	634.50	106
08:30:15	634.50	303
08:30:15	634.50	2,286
08:30:16	634.50	1,619
08:30:37	634.50	2,933
08:30:45	634.30	1,828
08:32:03	634.00	105
08:32:03	634.00	1,607
08:33:25	634.30	1,615
08:33:25	634.30	1,479
08:33:39	634.40	3,317
08:33:48	634.40	1,328
08:33:48	634.40	2,000
08:33:48	634.40	1,764
08:35:29	634.80	1,687
08:35:29	634.80	2,980
08:35:30	634.70	2,174
08:36:14	634.50	1,664
08:36:39	634.40	1,905
08:36:39	634.40	85
08:37:30	635.10	2,000
08:37:31	635.00	4,460

08:37:31	635.00	492
08:37:31	635.00	349
08:37:44	635.00	504
08:37:44	635.00	2,000
08:37:56	635.00	4,436
08:38:29	635.30	2,831
08:38:32	635.20	1,365
08:38:37	635.20	1,216
08:38:37	635.20	2,870
08:38:44	635.10	1,237
08:39:33	635.20	1,926
08:39:37	635.20	1,432
08:39:37	635.10	597
08:39:37	635.10	768
08:39:54	635.10	1,186
08:40:02	635.10	1,307
08:40:18	635.20	4,363
08:40:18	635.20	48
08:40:18	635.20	2,000
08:40:50	635.20	1,338
08:40:50	635.20	1,153
08:40:57	635.20	1,156
08:41:10	635.00	1,350
08:41:35	635.00	1,389
08:41:55	635.00	3,882
08:42:00	634.90	2,461
08:42:55	634.80	9
08:43:01	634.80	3,749
08:43:01	634.80	1,209
08:43:01	634.80	13
08:43:02	634.70	1,209
08:43:53	634.40	2,000
08:43:57	634.40	2,000
08:43:58	634.40	1,302
08:44:02	634.30	2,704
08:44:02	634.30	1,243
08:44:02	634.30	182
08:44:03	634.20	2,015
08:44:16	634.20	1,777
08:44:59	634.30	4,375
08:44:59	634.30	2,926
08:45:59	634.90	2,335
08:45:59	634.90	1
08:46:00	634.90	3,713
08:46:00	634.90	1,607
08:46:21	635.30	1,210
08:46:22	635.30	8,725
08:46:22	635.30	65
08:46:22	635.30	1,823
08:46:25	635.30	1,259

08:46:25	635.30	2,497
08:46:32	635.90	2,000
08:46:32	635.90	1,200
08:46:32	635.90	1,200
08:46:32	635.90	1,821
08:46:32	635.90	1,198
08:46:33	635.90	2,853
08:46:33	635.90	218
08:46:34	635.90	1,371
08:46:35	635.80	950
08:46:35	635.80	402
08:46:37	635.80	1,511
08:46:39	635.70	2,134
08:46:40	635.60	2,393
08:46:40	635.60	1,137
08:46:44	635.50	3,829
08:46:44	635.50	2,000
08:46:44	635.50	310
08:46:54	635.10	2,000
08:46:54	635.10	1,465
08:47:30	635.00	3,897
08:48:19	635.00	3,498
08:48:19	634.90	120
08:48:19	634.90	1,383
08:49:38	635.10	3,246
08:50:06	634.80	1,705
08:50:23	635.10	3,705
08:50:27	635.00	1,380
08:51:16	635.00	2,789
08:51:17	635.00	1,269
08:51:42	635.30	2,203
08:51:42	635.30	723
08:51:43	635.30	1,050
08:51:43	635.30	665
08:52:05	635.20	653
08:52:05	635.20	593
08:52:05	635.20	622
08:52:56	635.20	2,895
08:53:14	635.00	1,504
08:53:54	635.20	254
08:53:54	635.20	1,622
08:54:26	635.30	85
08:54:30	635.30	1,487
08:54:59	635.20	2,748
08:55:13	635.10	1,236
08:55:53	635.30	2,000
08:55:53	635.30	500
08:55:53	635.30	1,266
08:55:55	635.30	3,337
08:56:53	635.30	178

08:56:54	635.30	670
08:56:54	635.30	2,309
08:59:21	635.10	1,246
09:01:31	634.60	3,192
09:01:56	634.20	2,417
09:02:08	634.00	2,018
09:02:55	634.10	2,970
09:03:02	633.90	1,603
09:03:28	633.70	268
09:03:28	633.70	1,316
09:03:28	633.70	1,165
09:03:32	633.70	1,337
09:03:55	634.20	5,450
09:03:55	634.20	321
09:03:56	634.20	5,207
09:03:56	634.20	1,930
09:03:57	634.10	2,615
09:03:57	634.10	1,827
09:04:00	634.00	1,365
09:04:00	634.00	1,394
09:04:13	633.80	88
09:04:28	633.90	3,929
09:04:28	633.90	1,424
09:04:40	634.10	1,300
09:05:09	634.70	1,438
09:05:24	634.70	1,400
09:05:24	634.70	2,000
09:05:24	634.70	656
09:05:30	634.70	2,419
09:05:30	634.70	2,403
09:05:30	634.70	572
09:05:30	634.70	1,920
09:05:34	634.80	2,000
09:05:38	634.70	4,489
09:05:40	634.60	2,963
09:06:27	634.90	1,509
09:06:38	634.80	599
09:06:38	634.80	3,166
09:06:41	634.70	1,761
09:07:40	634.30	1,211
09:07:40	634.30	463
09:08:32	634.40	3,892
09:08:32	634.30	2,000
09:08:32	634.30	282
09:08:41	634.50	2,499
09:08:41	634.40	1,705
09:09:07	634.30	1,795
09:09:17	634.40	1,537
09:09:46	634.20	1,145
09:10:04	634.40	1,223



09:10:49	634.20	1,599
09:11:22	634.00	1,173
09:11:54	634.00	1,353
09:11:54	633.80	1,558
09:11:59	633.70	356
09:11:59	633.70	1,251
09:11:59	633.70	2,670
09:12:07	633.60	592
09:12:07	633.60	2,692
09:13:52	632.90	993
09:13:52	632.90	82
09:13:52	632.90	94
09:14:32	633.30	1,223
09:15:32	633.40	1,942
09:15:38	633.40	1,849
09:15:42	633.30	3,001
09:16:02	633.20	1,592
09:16:02	633.20	1
09:16:31	633.20	888
09:16:31	633.20	1,509
09:17:37	632.60	1,149
09:17:44	632.40	1,793
09:17:47	632.20	1,171
09:17:53	632.30	2,000
09:17:53	632.30	854
09:18:35	632.50	1,302
09:19:11	632.70	1,522
09:19:16	632.60	4,172
09:19:16	632.50	1,723
09:19:26	632.30	1,766
09:19:27	632.20	1,292
09:20:40	632.50	1,391
09:21:23	632.30	1,571
09:21:23	632.20	1,333
09:22:06	632.30	2,367
09:22:40	631.90	1,676
09:23:44	632.60	2,541
09:23:44	632.60	2,000
09:23:44	632.60	603
09:24:16	632.80	1,944
09:24:16	632.80	1,316
09:24:16	632.70	1,313
09:24:38	632.90	1,191
09:24:38	632.90	14
09:24:38	632.90	1,200
09:24:38	632.90	542
09:24:48	632.70	1,441
09:25:25	632.60	1,267
09:25:42	632.40	1,314
09:26:02	632.10	1,403

09:26:02	632.10	1,274
09:26:02	632.10	672
09:27:05	632.10	1,448
09:28:11	632.10	2,074
09:28:15	631.90	1,172
09:28:54	631.70	375
09:28:54	631.70	1,228
09:29:08	631.30	1,858
09:29:43	631.10	925
09:29:43	631.10	1,991
09:30:01	631.20	3,030
09:30:01	631.20	1,283
09:30:16	631.40	1,507
09:30:24	631.10	137
09:30:24	631.10	2,127
09:30:24	631.10	851
09:30:35	631.00	1,745
09:30:42	630.70	521
09:30:42	630.70	834
09:30:45	630.50	1,427
09:31:07	631.20	1,110
09:31:07	631.20	26
09:31:16	631.20	650
09:31:34	631.30	2,400
09:31:35	631.30	2,000
09:31:35	631.30	330
09:31:46	631.30	1,311
09:32:53	631.30	1,676
09:33:27	631.30	1,553
09:33:54	631.10	1,508
09:35:16	631.00	921
09:35:16	631.00	1,023
09:35:49	631.20	475
09:35:49	631.20	1,257
09:37:28	631.60	1,341
09:37:28	631.60	1,417
09:37:29	631.50	1,187
09:37:32	631.40	1,174
09:38:01	631.40	1,821
09:38:23	631.50	995
09:38:23	631.50	432
09:39:42	631.40	1,521
09:40:41	631.50	1,410
09:42:12	630.90	2,573
09:42:12	630.90	1,430
09:42:50	631.10	2,848
09:44:49	631.00	4,681
09:44:50	630.90	3,777
09:44:51	630.80	1,672
09:44:54	630.70	1,309

09:45:09	630.50	2,682
09:45:15	630.40	1,623
09:45:27	630.20	3,061
09:46:00	630.50	3,091
09:46:41	630.40	1,866
09:46:47	630.20	2,890
09:46:56	630.00	1,284
09:47:23	629.90	1,600
09:47:23	629.90	1,037
09:47:47	629.90	200
09:47:54	629.80	2,043
09:48:18	630.00	1,737
09:48:18	630.00	272
09:48:18	630.00	1,759
09:49:46	630.30	1,208
09:50:05	630.10	1,498
09:50:21	630.00	1,678
09:52:20	630.60	698
09:52:20	630.60	431
09:52:20	630.60	1,837
09:52:20	630.60	607
09:52:43	630.60	892
09:52:43	630.60	1,214
09:52:44	630.60	1,111
09:52:44	630.60	264
09:54:28	630.60	1,000
09:54:28	630.60	710
09:54:33	630.40	620
09:54:33	630.40	606
09:55:09	630.50	1,997
09:56:43	630.40	527
09:56:43	630.40	1,357
09:56:43	630.40	1,724
09:56:43	630.40	1,514
09:57:07	630.50	1,206
09:59:31	631.00	272
09:59:31	631.00	1,660
09:59:31	631.00	17
09:59:35	630.70	1,767
09:59:35	630.70	71
10:00:27	630.50	2,341
10:00:30	630.50	1,362
10:00:56	630.00	253
10:00:56	630.00	3,363
10:01:51	630.20	1,746
10:02:02	630.10	1,623
10:02:15	629.90	1,363
10:02:31	629.70	1,439
10:02:31	629.70	769
10:02:32	629.70	1,598

10:02:32	629.70	986
10:02:36	629.60	1,664
10:02:56	629.40	2,186
10:03:10	629.30	1,228
10:03:31	628.80	1,282
10:03:35	628.80	1,337
10:04:05	628.80	3,668
10:04:06	628.80	1,456
10:04:06	628.70	581
10:04:06	628.70	581
10:04:06	628.70	171
10:04:45	628.20	1,927
10:05:14	628.00	1,602
10:05:14	627.90	1,934
10:05:50	628.10	1,493
10:06:08	628.20	1,535
10:07:10	628.50	581
10:07:10	628.50	585
10:08:39	629.00	2,230
10:08:39	629.00	2,000
10:08:39	629.00	66
10:09:43	628.90	766
10:09:43	628.90	716
10:10:32	628.90	1,679
10:10:42	628.60	1,256
10:12:36	628.60	1,226
10:12:49	628.60	732
10:12:49	628.60	598
10:15:29	629.00	800
10:16:11	629.50	1,465
10:16:26	629.40	1,862
10:17:08	629.10	1,138
10:20:10	629.50	319
10:20:18	629.60	607
10:20:40	629.60	600
10:20:47	629.60	2,837
10:20:47	629.60	674
10:20:47	629.60	2,000
10:20:47	629.60	14
10:21:11	629.50	1,189
10:22:33	629.50	2,607
10:22:33	629.50	1
10:23:23	629.60	481
10:23:23	629.60	1,687
10:24:16	629.60	614
10:24:16	629.60	521
10:24:53	629.60	1,238
10:24:53	629.60	891
10:24:53	629.50	1,300
10:24:53	629.50	402

10:25:03	629.20	472
10:25:03	629.30	1,702
10:25:03	629.30	170
10:25:05	629.30	1,830
10:25:05	629.30	744
10:25:05	629.30	1,112
10:25:06	629.20	1,505
10:25:06	629.20	499
10:25:06	629.20	1,177
10:25:06	629.20	1,200
10:25:06	629.20	2,000
10:25:06	629.20	206
10:25:37	629.50	30
10:25:37	629.50	1,298
10:25:42	629.40	778
10:25:42	629.40	514
10:26:34	629.40	1,583
10:26:34	629.40	17
10:27:08	629.60	1,382
10:28:24	629.90	3,361
10:28:25	629.90	1,410
10:28:37	629.80	1,250
10:29:17	630.00	1,132
10:29:36	630.10	1,995
10:29:36	630.00	1,143
10:30:18	630.10	1,129
10:30:22	630.00	379
10:30:22	630.00	948
10:31:16	630.20	1,778
10:32:18	630.50	1,318
10:32:47	630.40	1,466
10:33:50	630.20	1,539
10:35:14	630.90	43
10:35:14	630.90	1,530
10:35:14	630.90	2,000
10:35:14	630.90	90
10:36:30	631.30	3,108
10:36:30	631.30	36
10:37:27	631.20	404
10:37:27	631.20	946
10:38:26	631.10	827
10:38:26	631.10	594
10:39:30	631.10	2,814
10:40:54	631.00	1,535
10:40:54	631.00	27
10:43:48	631.70	3,431
10:44:47	631.70	1,299
10:45:34	631.80	4,590
10:45:35	631.80	1,500
10:45:36	631.80	1,500

10:45:37	631.80	186
10:46:05	631.90	2,349
10:46:31	632.20	1,134
10:46:31	632.20	2,237
10:46:33	632.10	2,093
10:46:33	632.10	1
10:46:34	632.10	1,699
10:47:09	632.20	1,283
10:47:39	632.20	1,264
10:47:45	632.10	1,344
10:47:45	632.10	14
10:51:13	631.80	2,096
10:51:13	631.80	471
10:51:26	631.80	1,017
10:51:26	631.80	900
10:51:26	631.80	54
10:51:59	632.00	1,412
10:53:30	632.30	2,708
10:53:53	632.50	1,029
10:53:53	632.50	512
10:55:43	632.50	1,150
10:56:05	632.30	1,490
10:57:00	632.30	2,000
10:57:00	632.30	266
10:57:09	632.10	1,603
10:57:59	631.90	2,063
10:58:20	631.90	1,256
10:58:26	631.90	1,449
10:58:26	631.90	1,196
10:58:42	631.80	1,439
10:59:11	631.90	3,942
10:59:15	631.80	1,410
10:59:15	631.80	1,726
10:59:47	631.90	3,232
10:59:47	631.90	1,143
10:59:47	631.90	859
11:00:55	632.20	3,220
11:00:55	632.20	850
11:01:27	632.40	962
11:01:27	632.40	505
11:02:20	632.60	761
11:02:20	632.60	379
11:02:36	632.10	1,971
11:04:14	632.50	2,005
11:04:14	632.50	600
11:04:14	632.50	850
11:06:43	632.70	2,308
11:06:43	632.70	1,488
11:06:43	632.70	512
11:06:43	632.70	1,417

11:06:44	632.60	1,133
11:06:44	632.60	1,107
11:06:53	632.50	2,472
11:07:45	632.40	3,025
11:08:03	632.10	1,584
11:08:03	632.10	730
11:09:11	632.20	1,823
11:09:16	632.10	1,129
11:09:16	632.00	1,544
11:10:09	632.00	1,149
11:10:45	631.50	1,409
11:11:05	631.00	1,497
11:11:45	630.90	1,410
11:12:08	630.60	1,198
11:14:14	631.40	3,545
11:14:14	631.40	1,281
11:14:30	631.40	693
11:14:47	631.40	1,329
11:15:05	631.40	1,124
11:15:05	631.40	53
11:17:10	631.60	321
11:17:10	631.60	96
11:17:10	631.60	937
11:18:00	631.60	2,769
11:18:17	631.80	2,000
11:18:17	631.80	392
11:18:48	631.90	617
11:18:48	631.90	1,419
11:18:48	631.90	1,509
11:19:21	631.90	1,383
11:21:09	632.70	1,769
11:22:44	633.70	2,000
11:23:01	633.90	1,213
11:23:11	633.90	2,094
11:23:11	633.90	1,641
11:23:18	633.80	1,962
11:23:18	633.80	2,000
11:23:20	633.80	2,812
11:23:20	633.80	100
11:23:33	633.50	2,094
11:24:38	633.50	1,286
11:25:58	633.70	944
11:25:58	633.70	377
11:25:59	633.70	1,154
11:25:59	633.70	116
11:26:41	633.70	1,870
11:26:42	633.70	440
11:26:42	633.70	732
11:27:21	633.70	1,000
11:28:01	633.90	1,330

11:28:41	634.00	1,243
11:28:44	634.00	1,140
11:29:22	634.10	3,101
11:29:22	634.10	1,694
11:29:22	634.10	1,983
11:29:38	634.10	3,613
11:29:39	634.10	1,526
11:30:26	634.00	1,195
11:30:26	633.90	1,381
11:30:35	633.80	1,504
11:31:14	633.50	1,393
11:31:20	633.50	2,173
11:31:25	633.40	1,534
11:34:26	634.10	1,445
11:34:26	634.10	600
11:34:26	634.10	1,271
11:34:55	634.00	2,524
11:34:55	634.00	2,437
11:34:55	634.00	473
11:34:55	634.00	1,414
11:34:56	633.90	1,241
11:35:17	634.10	1,920
11:35:18	634.10	1,499
11:36:00	634.00	1,130
11:36:00	634.00	731
11:36:30	633.90	752
11:36:30	633.90	1,027
11:36:53	633.70	1,394
11:36:53	633.70	170
11:37:08	633.90	1,197
11:38:17	634.20	2,707
11:38:17	634.20	854
11:39:00	634.10	2,136
11:39:00	634.10	432
11:40:08	633.80	500
11:40:45	633.90	1,500
11:40:57	633.70	412
11:40:57	633.70	881
11:42:01	633.70	2,721
11:42:11	633.70	1,173
11:42:25	633.80	1,245
11:43:55	633.30	825
11:43:55	633.30	332
11:44:45	633.50	1,507
11:44:45	633.50	1,278
11:45:42	633.30	2,286
11:45:42	633.30	1,303
11:47:00	633.30	239
11:47:00	633.30	1,037
11:48:50	633.50	1,470



11:51:18	633.70	2,920
11:51:57	633.50	515
11:51:57	633.50	961
11:52:41	633.70	282
11:52:41	633.70	1,680
11:55:41	634.00	1,734
11:57:10	634.40	3,647
11:57:11	634.40	1,638
11:57:32	634.30	1,159
11:58:00	634.30	997
11:58:00	634.30	908
11:58:25	634.30	295
11:58:28	634.30	1,522
11:58:28	634.20	1,122
11:58:28	634.20	420
11:59:56	634.50	900
11:59:56	634.50	988
11:59:59	634.40	2,000
11:59:59	634.40	1,187
11:59:59	634.40	1,455
11:59:59	634.40	178
11:59:59	634.40	1,215
12:02:53	634.50	328
12:02:53	634.50	900
12:02:53	634.50	955
12:03:09	634.50	4,373
12:03:09	634.50	900
12:03:09	634.50	793
12:03:47	634.90	2,000
12:03:47	634.90	1,500
12:03:51	634.90	1,513
12:03:51	634.90	2,000
12:03:51	634.90	3,241
12:03:53	634.90	187
12:04:15	635.10	200
12:04:27	635.10	2,000
12:04:27	635.10	120
12:04:58	635.40	1,187
12:04:58	635.40	2,000
12:05:03	635.40	2,000
12:05:03	635.40	120
12:05:20	635.40	4,271
12:05:20	635.40	2,000
12:05:20	635.40	1,957
12:06:06	635.80	1,414
12:06:06	635.80	2,000
12:06:06	635.80	539
12:06:35	635.90	587
12:06:35	635.90	701
12:06:50	635.80	4,281

12:06:50	635.70	1,200
12:06:50	635.70	291
12:06:54	635.60	1,614
12:06:55	635.50	1,938
12:09:02	635.50	644
12:09:02	635.50	1,202
12:09:05	635.20	2,468
12:09:08	635.10	1,503
12:11:04	635.30	1,262
12:13:18	635.80	600
12:13:18	635.80	1,211
12:13:25	635.80	300
12:13:29	635.80	1,908
12:13:54	635.90	954
12:14:00	636.00	1,715
12:14:01	635.90	2,810
12:14:01	635.90	1,128
12:14:03	635.90	1,814
12:14:16	635.80	700
12:14:20	635.70	137
12:14:20	635.70	800
12:14:27	635.70	100
12:14:27	635.70	600
12:14:27	635.70	500
12:14:27	635.70	600
12:15:00	635.50	3,770
12:15:35	635.70	1,352
12:15:35	635.70	200
12:15:37	635.70	1,126
12:15:37	635.70	2,558
12:15:53	635.60	1,398
12:16:10	635.90	3,826
12:16:10	635.90	1,910
12:17:29	636.30	2,830
12:17:29	636.30	1,727
12:18:05	636.20	1,052
12:18:05	636.20	2,396
12:18:59	636.20	1,171
12:19:09	635.90	1,248
12:19:27	635.80	1,000
12:20:20	636.00	2,781
12:20:21	635.90	1,428
12:21:27	635.80	1,155
12:22:06	635.60	1,827
12:23:04	635.30	339
12:23:04	635.30	685
12:23:04	635.30	186
12:23:21	634.90	1,403
12:24:24	634.80	1,179
12:24:39	635.00	3,301

12:24:39	635.00	1,391
12:26:36	634.80	3,810
12:26:40	634.70	1,166
12:26:58	634.60	1,157
12:27:24	634.80	996
12:27:24	634.80	3,121
12:28:00	634.50	1,349
12:29:28	635.00	1,410
12:29:43	635.00	3,277
12:30:00	635.00	2,123
12:30:09	634.60	1,540
12:30:44	634.50	1,418
12:32:02	634.60	2,227
12:32:25	634.60	1,195
12:34:18	635.20	1,200
12:34:18	635.20	1,100
12:34:18	635.20	365
12:34:53	635.40	1,102
12:35:19	635.40	4,202
12:35:19	635.40	700
12:35:19	635.40	1,133
12:35:19	635.40	133
12:36:38	635.50	1,895
12:37:27	635.40	722
12:37:27	635.40	667
12:39:03	635.30	712
12:39:03	635.30	2,476
12:40:05	635.10	1,505
12:41:12	635.00	1,279
12:41:46	635.00	1,223
12:42:25	634.70	1,436
12:43:41	634.60	330
12:43:41	634.60	1,405
12:44:19	634.60	1,232
12:45:56	634.70	4,376
12:46:07	634.40	863
12:46:07	634.40	1,836
12:46:07	634.40	1,396
12:46:32	634.50	3,569
12:46:38	634.60	1,923
12:47:42	634.50	1,154
12:48:16	634.30	1,198
12:48:16	634.30	461
12:49:12	634.30	1,157
12:51:17	634.30	1,154
12:51:45	634.30	477
12:51:45	634.30	866
12:52:16	634.20	1,835
12:53:42	634.00	1,838
12:53:58	634.00	1,154

12:53:58	634.00	423
12:55:00	634.00	2,366
12:55:02	633.90	1,755
12:55:10	633.90	1,347
12:56:01	633.80	1,971
12:56:38	633.60	1,299
12:59:16	634.10	1,495
12:59:16	634.10	600
12:59:16	634.10	2,000
12:59:16	634.10	828
12:59:31	634.00	1,145
12:59:31	634.00	1,217
13:00:19	634.10	1,764
13:01:01	633.70	1,186
13:01:54	633.90	2,000
13:01:54	633.90	181
13:02:02	633.90	1,679
13:04:09	634.00	2,112
13:04:48	634.20	1,357
13:06:38	634.20	504
13:06:38	634.20	628
13:08:50	634.10	1,300
13:08:50	634.10	184
13:10:12	633.90	1,287
13:10:44	633.70	1,226
13:12:38	633.80	2,001
13:12:38	633.80	1,233
13:15:23	634.40	2,212
13:17:11	634.40	1,133
13:17:45	634.60	1,998
13:18:49	635.00	2,395
13:18:49	635.00	688
13:21:04	634.60	2,632
13:22:47	634.20	1,373
13:24:17	634.50	1,248
13:24:17	634.40	1,200
13:24:17	634.40	855
13:24:29	634.20	1,949
13:24:29	634.20	1,145
13:25:14	634.20	1,972
13:25:32	634.20	1,557
13:28:19	633.80	1,409
13:28:19	633.80	285
13:28:19	633.80	1,180
13:28:27	633.80	2,482
13:29:14	633.80	2,244
13:29:14	633.80	756
13:29:43	633.80	960
13:31:12	634.40	2,281
13:31:12	634.40	1,231

13:31:12	634.30	1,500
13:31:12	634.30	753
13:31:40	634.30	1,442
13:31:47	634.30	1,178
13:32:43	634.20	1,173
13:32:44	634.10	1,333
13:32:54	634.30	1,320
13:33:32	634.30	1,905
13:34:04	634.10	1,630
13:34:22	634.10	1,864
13:34:59	633.90	1,377
13:36:02	634.40	1,555
13:36:02	634.40	1,220
13:36:11	634.30	663
13:36:11	634.30	478
13:36:11	634.30	189
13:36:54	634.40	1,474
13:36:54	634.40	354
13:38:10	634.20	157
13:38:10	634.20	1,031
13:38:10	634.20	60
13:40:03	634.20	100
13:40:17	634.20	1,377
13:40:40	634.10	1,840
13:42:43	633.90	2,541
13:45:15	634.30	2,551
13:45:45	634.60	2,887
13:45:59	634.60	1,427
13:45:59	634.60	1,269
13:46:12	634.50	1,373
13:47:26	634.10	471
13:47:26	634.10	2,195
13:47:27	634.10	1,320
13:47:54	634.40	1,297
13:48:12	634.30	69
13:48:41	634.50	1,731
13:48:50	634.40	1,984
13:49:24	633.90	1,283
13:49:36	633.90	1,201
13:50:09	633.70	1,316
13:50:51	633.80	4
13:50:51	633.80	2,640
13:50:51	633.80	1,214
13:50:51	633.80	1,434
13:50:51	633.80	1,026
13:51:53	634.10	1,723
13:52:23	634.10	1,128
13:53:11	634.10	393
13:53:11	634.10	1,927
13:53:45	633.80	2,099

13:55:34	634.20	2,295
13:55:34	634.20	2,055
13:55:34	634.20	1,134
13:55:34	634.20	409
13:55:53	634.10	1,594
13:57:22	634.20	45
13:57:28	634.20	1,571
13:58:06	634.10	326
13:58:06	634.10	975
13:59:15	634.40	703
13:59:15	634.40	880
13:59:16	634.40	2,000
13:59:16	634.40	1,739
13:59:16	634.40	433
13:59:16	634.40	1,203
14:00:18	634.50	865
14:00:18	634.50	780
14:00:21	634.40	1,330
14:00:21	634.40	2,000
14:00:21	634.40	1,997
14:00:32	634.40	2,113
14:01:22	634.50	3,459
14:02:02	634.60	468
14:02:02	634.60	1,622
14:02:03	634.60	1,236
14:03:29	634.60	2,914
14:03:44	634.50	880
14:04:34	634.40	1,584
14:05:38	635.00	1,389
14:05:39	634.90	1,432
14:05:44	635.00	1,814
14:05:47	635.00	2,000
14:05:47	635.00	2,000
14:05:53	634.90	1,167
14:05:53	634.90	930
14:05:53	634.90	1,764
14:05:59	634.80	3,108
14:05:59	634.80	1,081
14:06:00	634.80	2,000
14:06:00	634.80	121
14:06:03	634.60	1,464
14:06:21	634.70	2,874
14:06:42	634.90	1,225
14:06:42	634.90	258
14:07:25	634.70	2,209
14:07:34	634.50	545
14:07:34	634.50	904
14:08:17	634.40	1,174
14:08:21	634.40	1,753
14:08:41	634.30	1,399

14:10:57	634.70	1,336
14:10:57	634.70	3,005
14:10:57	634.70	2,000
14:10:57	634.70	299
14:11:17	634.50	1,960
14:11:20	634.40	500
14:11:20	634.40	1,170
14:12:42	634.50	136
14:12:43	634.50	300
14:12:43	634.50	1,097
14:12:51	634.50	1,145
14:13:20	634.40	2,761
14:13:20	634.40	282
14:13:33	634.40	1,602
14:13:33	634.40	998
14:13:33	634.40	1,602
14:13:41	634.20	1,556
14:14:10	634.40	1,651
14:14:17	634.30	2,230
14:15:11	634.50	22
14:15:11	634.50	960
14:15:11	634.50	183
14:16:01	634.50	754
14:16:14	634.40	1,214
14:16:14	634.40	206
14:17:35	635.10	6
14:17:48	635.30	1,153
14:17:54	635.30	847
14:17:54	635.30	402
14:17:59	635.20	421
14:17:59	635.20	1,492
14:17:59	635.20	1,814
14:17:59	635.20	1,896
14:17:59	635.10	1,135
14:18:32	635.20	1,686
14:19:24	635.20	1,551
14:19:24	635.20	1,212
14:19:52	635.30	212
14:19:52	635.30	1,578
14:20:41	635.50	1,810
14:20:41	635.50	1,196
14:21:03	635.50	1,658
14:21:03	635.50	951
14:21:21	635.50	805
14:21:21	635.50	956
14:21:33	635.30	1,133
14:21:37	635.20	1,516
14:21:49	635.20	1,613
14:22:22	635.10	1,773
14:22:39	635.10	1,304

14:22:39	635.10	1,448
14:22:46	635.10	575
14:23:08	635.20	1,304
14:23:28	635.30	616
14:23:28	635.30	384
14:23:28	635.30	620
14:24:11	635.20	129
14:24:11	635.20	1,025
14:24:54	635.50	716
14:24:54	635.50	1,184
14:24:54	635.50	881
14:25:01	635.60	1,194
14:25:02	635.50	2,978
14:25:02	635.40	3,389
14:25:16	635.30	1,241
14:25:56	635.20	1,173
14:25:56	635.20	863
14:26:03	635.20	1,270
14:26:03	635.20	149
14:26:33	634.90	1,181
14:27:24	634.90	1,410
14:28:02	634.90	238
14:28:07	634.90	992
14:28:13	634.80	1,266
14:28:22	634.60	1,154
14:28:53	634.40	1,430
14:29:17	634.50	1,582
14:29:17	634.50	1,057
14:30:51	634.80	3,954
14:30:51	634.80	2,000
14:30:51	634.80	389
14:31:02	634.60	1,194
14:31:28	634.70	2,899
14:32:30	635.00	1,588
14:32:33	635.00	1,580
14:32:33	635.00	1,344
14:34:01	635.60	2,164
14:34:01	635.60	1,212
14:34:07	635.50	1,131
14:34:07	635.50	524
14:34:07	635.50	1,614
14:34:40	635.50	109
14:34:40	635.60	448
14:34:40	635.60	940
14:36:00	635.70	400
14:36:00	635.70	1,975
14:36:00	635.70	173
14:36:15	635.60	3,413
14:36:20	635.80	883
14:36:20	635.80	870



14:36:24	635.70	2,000
14:36:24	635.70	86
14:36:24	635.70	232
14:36:24	635.70	1,624
14:36:24	635.70	1,501
14:36:36	635.70	1,307
14:36:36	635.70	1,356
14:36:55	635.50	1,903
14:37:13	635.50	1,359
14:37:44	635.30	1,279
14:38:00	635.20	1,258
14:38:14	635.00	1,477
14:38:42	635.10	1,278
14:39:06	634.90	1,277
14:39:12	634.80	1,697
14:39:13	634.80	1,368
14:41:14	635.10	648
14:41:14	635.10	2,291
14:41:14	635.10	1,302
14:41:15	635.00	150
14:41:15	635.00	2,000
14:41:15	635.00	296
14:42:01	635.30	1
14:42:01	635.30	1,824
14:42:05	635.40	1,465
14:42:08	635.40	1,143
14:42:30	635.50	1,136
14:42:46	635.50	1,309
14:42:52	635.50	1,000
14:42:52	635.50	3,358
14:43:17	635.40	1,236
14:43:18	635.30	1,645
14:44:37	634.70	2,297
14:44:37	634.70	1,199
14:44:52	634.90	1,686
14:45:03	635.00	1,340
14:45:04	635.00	1,000
14:45:04	635.00	196
14:45:55	634.80	3,558
14:46:00	634.60	1,859
14:46:00	634.60	1,635
14:46:42	634.60	650
14:46:42	634.60	1,117
14:47:13	634.80	1,597
14:47:13	634.80	1,264
14:47:54	634.90	2,080
14:48:16	634.90	2,326
14:48:38	634.80	99
14:48:38	634.80	2,701
14:48:59	634.50	63

14:48:59	634.50	1,705
14:49:12	634.30	151
14:49:12	634.30	1,674
14:49:12	634.30	1,163
14:49:12	634.30	1,425
14:49:12	634.30	400
14:50:26	634.50	2,173
14:50:26	634.50	816
14:50:26	634.50	715
14:50:27	634.50	1,944
14:50:40	634.40	1,305
14:50:49	634.50	1,402
14:50:49	634.40	1,442
14:50:49	634.40	219
14:51:27	634.30	1,460
14:51:42	634.50	3,170
14:51:42	634.40	353
14:51:42	634.40	1,180
14:52:02	634.30	1,294
14:53:38	634.20	1,129
14:53:55	634.50	2,000
14:53:55	634.50	2,446
14:54:08	634.50	4,133
14:54:08	634.50	2,000
14:54:08	634.50	739
14:54:30	634.50	1,556
14:54:30	634.50	1,205
14:55:01	634.70	1,317
14:55:07	634.70	1,383
14:55:08	634.70	381
14:55:08	634.70	1,142
14:55:23	634.80	2,000
14:55:23	634.80	558
14:55:23	634.80	1,683
14:55:34	634.80	1,164
14:55:34	634.80	1,213
14:56:17	634.90	624
14:56:17	634.90	2,500
14:56:17	634.90	411
14:56:17	634.90	1,837
14:56:51	634.80	2,163
14:56:57	634.60	1,433
14:57:26	634.50	1,205
14:57:27	634.40	1,670
14:59:21	634.70	815
14:59:21	634.70	900
14:59:59	634.90	2,000
14:59:59	634.90	1,296
14:59:59	634.90	1,062
15:00:00	634.90	1,176

15:00:00	634.90	124
15:00:00	634.90	1,057
15:00:03	634.80	1,352
15:00:08	634.80	1,310
15:00:15	634.70	861
15:00:15	634.70	1,095
15:00:15	634.70	1,390
15:01:28	634.60	2,000
15:01:30	634.60	2,000
15:02:01	635.00	1,129
15:02:02	634.90	1,842
15:02:02	634.80	1,934
15:02:02	634.80	1,558
15:02:02	634.80	171
15:02:06	634.70	2,601
15:02:06	634.70	1,327
15:02:06	634.60	1,908
15:02:48	634.70	3,913
15:02:55	634.70	1,200
15:02:55	634.70	259
15:04:26	634.50	1,178
15:04:26	634.50	1,189
15:04:55	634.10	3,687
15:04:58	634.10	1,263
15:05:04	634.40	390
15:05:08	634.40	7,385
15:05:12	634.50	2,000
15:05:12	634.50	1,368
15:05:13	634.50	1,152
15:05:34	634.20	2,607
15:06:10	634.70	2,000
15:06:12	634.60	4,654
15:06:12	634.60	88
15:06:13	634.60	2,000
15:06:13	634.60	3,560
15:06:30	634.70	2,000
15:06:30	634.70	644
15:06:35	634.60	1,006
15:06:35	634.60	2,000
15:06:35	634.60	2,000
15:06:35	634.60	188
15:06:35	634.60	1,547
15:06:42	634.60	1
15:06:42	634.60	1,360
15:06:44	634.60	1,947
15:06:47	634.60	2,000
15:06:47	634.60	930
15:06:47	634.60	1,242
15:06:54	634.50	1,352
15:06:57	634.50	2,817

15:07:00	634.40	1,270
15:07:33	634.60	2,682
15:07:45	634.60	538
15:07:45	634.60	800
15:07:46	634.60	1,415
15:08:12	634.80	2,778
15:09:01	634.90	1,124
15:09:28	635.20	1,249
15:09:42	635.30	1,154
15:10:02	635.50	1,234
15:10:08	635.50	1,154
15:10:15	635.50	1,374
15:10:32	635.60	4,454
15:10:32	635.60	1,269
15:10:58	635.60	1,636
15:10:58	635.60	1,980
15:10:59	635.60	2,000
15:10:59	635.60	1,064
15:11:05	635.50	2,121
15:11:05	635.50	1,187
15:11:05	635.50	1,063
15:11:05	635.50	1,646
15:11:10	635.40	1,193
15:12:23	635.00	1,512
15:12:27	635.00	437
15:12:27	635.00	1,885
15:13:32	635.80	324
15:13:32	635.80	2,162
15:13:32	635.80	1,200
15:13:32	635.80	160
15:13:33	635.80	770
15:13:33	635.80	774
15:13:42	636.00	2,000
15:13:42	636.00	403
15:13:45	635.90	754
15:13:46	635.90	1,706
15:13:47	635.80	2,323
15:13:47	635.80	1,532
15:13:47	635.80	2,148
15:13:50	635.70	1,181
15:14:44	635.70	1,365
15:14:44	635.70	92
15:15:06	635.70	956
15:15:06	635.70	1,201
15:15:24	635.70	1,268
15:15:33	635.70	1,381
15:15:38	635.60	2,345
15:15:38	635.60	1,000
15:15:38	635.60	171
15:16:02	635.60	1,181

15:16:44	635.20	4,451
15:17:14	635.20	1,636
15:17:14	635.20	1,430
15:17:14	635.10	1,636
15:18:00	634.70	774
15:18:00	634.70	1,502
15:18:00	634.70	312
15:18:00	634.70	462
15:18:07	634.90	1,258
15:18:07	634.90	2,505
15:18:08	634.90	1,441
15:18:19	634.80	1,154
15:18:19	634.80	145
15:18:19	634.80	116
15:18:39	634.70	1,365
15:19:09	634.80	1,228
15:19:09	634.80	982
15:19:17	634.60	994
15:19:17	634.60	967
15:20:31	634.10	2,000
15:20:31	634.10	389
15:20:31	634.10	761
15:21:22	634.70	1,316
15:21:41	634.70	892
15:21:41	634.70	286
15:21:55	634.80	2,000
15:22:12	634.90	3,064
15:22:12	634.90	1,519
15:22:15	634.80	2,955
15:22:15	634.80	1,433
15:22:21	634.60	1,334
15:22:40	634.60	1,140
15:22:59	634.50	1,752
15:23:50	634.80	1,000
15:23:50	634.80	1,831
15:23:59	634.80	1,402
15:24:14	634.70	1,539
15:24:19	634.70	1,242
15:24:24	634.50	81
15:24:25	634.50	426
15:24:25	634.50	1,184
15:25:00	634.40	945
15:25:07	634.40	1,489
15:25:07	634.40	837
15:25:15	634.20	1,733
15:25:21	634.10	1,441
15:25:56	634.40	1,685
15:25:57	634.30	2,000
15:25:57	634.30	135
15:26:26	634.00	2,043

15:27:03	634.30	1,336
15:27:03	634.30	1,283
15:27:03	634.30	1,336
15:27:22	634.30	1,617
15:27:30	634.10	892
15:27:30	634.10	797
15:28:47	634.30	4,280
15:28:47	634.30	87
15:28:47	634.20	1,300
15:29:14	634.50	1,469
15:29:21	634.50	1,641
15:29:21	634.50	182
15:29:45	634.30	814
15:29:45	634.30	395
15:29:45	634.30	120
15:29:59	634.20	1,540
15:29:59	634.20	450
15:30:17	634.20	508
15:30:17	634.20	730
15:30:48	634.60	2,000
15:30:48	634.60	2,000
15:30:48	634.60	262
15:30:57	634.70	1,754
15:31:32	634.70	1,416
15:31:32	634.70	2,467
15:31:33	634.70	1,234
15:32:57	635.10	1,449
15:32:58	635.10	1,600
15:32:58	635.10	1,817
15:33:08	635.10	1,388
15:33:10	635.10	1,300
15:33:10	635.10	125
15:34:12	635.10	4,780
15:34:17	635.10	4,466
15:34:25	635.10	4,378
15:34:25	635.10	4,379
15:34:36	635.10	2,036
15:35:11	635.20	3,441
15:35:20	635.10	2,267
15:35:20	635.10	1,143
15:35:20	635.10	343
15:35:24	635.00	1,887
15:35:27	635.10	1,919
15:35:27	635.10	1,195
15:35:49	635.10	1,207
15:35:51	635.10	1,149
15:36:17	635.20	1,700
15:36:33	635.30	1,276
15:37:23	635.60	1,226
15:37:25	635.60	4,326

15:37:25	635.60	2,000
15:37:25	635.70	755
15:37:38	635.60	108
15:37:38	635.60	3,181
15:37:38	635.60	1,323
15:37:38	635.60	33
15:37:38	635.60	485
15:37:44	635.50	2,463
15:37:44	635.50	300
15:37:44	635.50	1,418
15:37:45	635.40	1,533
15:38:38	635.70	1,154
15:38:38	635.70	200
15:38:38	635.70	2,253
15:38:42	635.60	1,951
15:38:45	635.50	1,100
15:38:54	635.50	685
15:39:13	635.50	667
15:39:26	635.50	1,015
15:39:54	635.30	2,245
15:40:53	635.80	3,595
15:40:54	635.80	1,100
15:40:54	635.80	119
15:41:11	635.80	1,480
15:41:20	635.60	1,678
15:41:36	635.60	728
15:41:36	635.60	1,332
15:41:38	635.60	500
15:42:05	635.80	49
15:42:05	635.80	1,344
15:42:05	635.80	200
15:42:05	635.80	1,000
15:42:05	635.80	1,000
15:42:13	635.80	1,823
15:42:41	635.70	1,187
15:42:48	635.60	500
15:42:48	635.60	807
15:42:53	635.60	1,640
15:42:54	635.50	100
15:43:00	635.60	352
15:43:34	636.00	968
15:43:34	636.00	3,756
15:43:35	636.00	1,600
15:43:35	636.00	2,000
15:43:39	636.00	1,252
15:43:39	636.00	3,290
15:43:40	636.00	1,600
15:43:40	636.00	93
15:43:42	635.90	2,894
15:43:42	635.90	89

15:43:42	635.90	403
15:43:50	635.80	1,863
15:44:33	635.90	2,543
15:44:33	635.90	1,201
15:44:52	635.80	1,629
15:44:52	635.80	1,364
15:45:30	635.80	785
15:45:30	635.80	400
15:45:50	636.20	1,162
15:46:00	636.20	1,565
15:46:01	636.20	1,500
15:46:01	636.20	1,136
15:46:43	636.40	2,000
15:46:43	636.40	955
15:46:46	636.40	4,427
15:46:46	636.40	1,529
15:47:44	636.50	976
15:47:44	636.50	798
15:47:44	636.50	1,600
15:47:44	636.50	1,758
15:48:03	636.50	2,774
15:48:03	636.50	1,151
15:48:22	636.50	1,308
15:48:24	636.50	1,000
15:48:24	636.50	167
15:48:39	636.50	1,579
15:49:10	636.50	2,066
15:49:12	636.50	1,244
15:49:19	636.50	377
15:49:19	636.50	1,259
15:49:21	636.40	1,463
15:49:27	636.20	700
15:49:27	636.20	464
15:49:57	636.50	500
15:49:57	636.60	2,440
15:49:57	636.60	475
15:50:06	636.60	1,460
15:50:06	636.60	1,100
15:50:06	636.60	583
15:50:06	636.60	300
15:50:06	636.60	1,154
15:50:06	636.60	1,106
15:50:54	636.60	1,576
15:50:54	636.60	1,270
15:51:07	636.70	2,821
15:51:07	636.60	1,126
15:51:27	636.60	1,105
15:51:27	636.60	381
15:51:47	636.60	1,493
15:51:51	636.60	1,287



15:51:51	636.60	213
15:51:54	636.60	1,335
15:51:55	636.60	1,277
15:51:55	636.60	244
15:51:55	636.60	966
15:51:59	636.50	760
15:52:16	636.60	1,812
15:52:16	636.60	2,656
15:52:23	636.60	1,289
15:52:24	636.60	1,726
15:52:28	636.60	1,289
15:52:37	636.60	1,436
15:52:39	636.60	1,545
15:52:41	636.60	794
15:52:45	636.60	1,645
15:52:45	636.50	1,663
15:53:24	636.70	1,133
15:53:24	636.70	1,305
15:53:50	636.60	3,561
15:53:50	636.60	2,000
15:53:50	636.60	977
15:53:50	636.60	1,717
15:53:50	636.60	636
15:54:29	636.50	1,775
15:54:54	636.50	367
15:54:56	636.50	31
15:54:56	636.50	883
15:54:56	636.50	700
15:54:56	636.50	521
15:55:03	636.30	1,560
15:55:03	636.30	2,717
15:55:31	636.10	1,336
15:55:31	636.10	2,905
15:55:37	636.00	1,548
15:55:37	636.00	1,216
15:55:53	636.00	3,176
15:56:05	635.70	1,660
15:56:09	635.40	3,329
15:56:19	635.50	2,384
15:56:25	635.50	1,582
15:57:31	635.80	4,480
15:57:31	635.80	1,600
15:57:31	635.80	454
15:58:05	635.70	135
15:58:05	635.70	992
15:58:22	635.60	1,245
15:58:23	635.50	1,240
15:58:51	635.30	1,000
15:58:53	635.30	1,473
15:58:53	635.30	1,493

15:58:53	635.30	1,242
15:59:03	635.20	133
15:59:03	635.20	1,170
15:59:11	635.00	656
15:59:12	635.00	500
15:59:17	635.00	829
15:59:17	635.00	810
15:59:25	635.00	2,185
15:59:25	634.90	1,295
15:59:32	635.00	4,373
15:59:32	635.00	1,318
15:59:32	635.00	1,038
15:59:40	634.90	2,504
15:59:40	634.80	296
15:59:56	634.60	1,220
16:00:05	634.60	1,027
16:00:05	634.60	680
16:00:21	634.70	2,014
16:00:21	634.60	1,827
16:00:24	634.50	833
16:00:24	634.50	498
16:00:28	634.50	500
16:00:49	634.70	579
16:00:49	634.70	1,030
16:00:49	634.70	508
16:00:49	634.70	673
16:00:56	634.80	3,508
16:00:56	634.80	1,478
16:00:59	634.80	1,201
16:01:05	634.70	1,678
16:01:05	634.70	746
16:01:25	634.70	4,362
16:01:32	634.70	1,444
16:01:41	634.50	1,426
16:02:04	634.40	1,810
16:02:04	634.40	1,151
16:02:35	634.60	500
16:02:37	634.60	1,000
16:02:58	634.80	508
16:02:58	634.90	2,000
16:02:58	634.90	272
16:03:02	634.80	1,448
16:03:03	634.80	1,200
16:03:03	634.80	1,200
16:03:03	634.80	765
16:03:23	634.90	296
16:03:23	634.90	1,681
16:03:24	634.80	1,921
16:03:24	634.80	1,382
16:03:25	634.80	1,180

16:04:01	634.70	1,297
16:04:01	634.70	1,047
16:04:01	634.70	1,159
16:04:04	634.70	1,200
16:04:04	634.70	1,619
16:04:27	634.90	2,100
16:04:34	634.90	355
16:04:34	634.90	2,000
16:04:34	634.90	100
16:04:41	634.80	1,185
16:05:03	635.20	1,201
16:05:07	635.20	1,451
16:05:13	635.20	1,495
16:05:24	635.20	3,386
16:05:24	635.20	1,085
16:05:24	635.20	2,936
16:05:24	635.20	1,250
16:05:30	635.10	1,505
16:05:45	635.10	1,308
16:05:45	635.10	1,000
16:05:45	635.10	510
16:06:08	635.00	2,102
16:06:08	635.00	45
16:06:22	635.10	1,561
16:06:22	635.10	1,582
16:06:29	635.00	1,596
16:07:26	635.70	321
16:07:26	635.80	980
16:07:53	635.60	1,200
16:07:53	635.60	2,000
16:07:53	635.60	1,400
16:07:53	635.60	2,400
16:07:53	635.60	1,300
16:07:53	635.60	1,200
16:07:53	635.60	1,233
16:07:53	635.60	1,807
16:07:53	635.60	1,030
16:07:53	635.60	1,143
16:07:53	635.60	5,371
16:07:53	635.60	1,030
16:07:53	635.60	1,472
16:08:40	635.60	4,986
16:08:40	635.60	1,200
16:08:40	635.60	1,200
16:08:40	635.60	120
16:08:40	635.60	1,807
16:08:40	635.60	3,678
16:08:51	635.50	2,297
16:08:51	635.50	1,200
16:08:51	635.50	112

16:09:02	635.40	1,208
16:09:03	635.40	1,353
16:09:04	635.30	1,672
16:09:57	635.90	1,089
16:09:57	635.90	2,000
16:09:57	635.90	305
16:09:59	635.90	1,441
16:10:00	635.80	1,652
16:10:00	635.80	2,000
16:10:00	635.80	800
16:10:00	635.80	402
16:10:05	635.70	500
16:10:06	635.70	1,219
16:10:06	635.70	292
16:10:06	635.70	916
16:10:33	635.90	1,331
16:10:33	635.90	2,000
16:10:33	635.90	1,776
16:10:48	635.90	3,200
16:10:48	635.90	1,036
16:11:07	635.80	273
16:11:07	635.80	1,200
16:11:07	635.80	1,115
16:11:08	635.70	1,621
16:11:21	635.80	2,000
16:11:21	635.80	1,100
16:11:21	635.80	508
16:11:21	635.80	695
16:11:26	635.90	1,400
16:11:26	635.90	596
16:11:26	635.90	735
16:11:45	635.90	415
16:11:48	635.90	609
16:11:48	635.90	1,438
16:11:48	635.90	1,317
16:11:49	635.90	683
16:11:49	635.90	1,026
16:11:57	635.90	1,189
16:12:03	635.90	1,745
16:12:14	635.90	1,154
16:12:14	635.90	396
16:12:24	635.80	1,488
16:12:57	636.20	1,367
16:12:57	636.20	1,264
16:13:15	636.20	408
16:13:15	636.20	1,331
16:13:33	636.20	1,698
16:13:50	636.10	3,508
16:14:05	636.10	1,503
16:14:06	636.10	3,944

16:14:06	636.10	107
16:14:06	636.10	1,305
16:14:09	636.10	1,300
16:14:09	636.10	311
16:14:09	636.00	3,127
16:14:09	636.00	2,000
16:14:09	636.00	1,650
16:14:14	635.90	1,387
16:14:39	635.70	346
16:15:00	635.70	4,397
16:15:00	635.60	3,491
16:15:00	635.60	893
16:15:05	635.70	1,843
16:15:05	635.70	1,386
16:15:09	635.60	1,356
16:15:10	635.60	379
16:15:10	635.60	270
16:15:10	635.60	2,123
16:15:12	635.50	224
16:15:12	635.50	1,132
16:15:20	635.50	963
16:15:29	635.60	948
16:15:29	635.60	368
16:15:33	635.60	2,272
16:15:33	635.60	2,044
16:15:33	635.60	1,133
16:15:33	635.60	1,138
16:15:35	635.50	1,349
16:15:37	635.40	2,046
16:15:51	635.50	3,355
16:15:52	635.50	1,451
16:15:52	635.50	1,542
16:16:10	635.50	2,825
16:16:16	635.40	231
16:16:16	635.40	259
16:16:18	635.40	878
16:16:18	635.40	266
16:16:18	635.40	549
16:16:18	635.40	549
16:16:21	635.50	2,000
16:16:21	635.50	2,304
16:16:21	635.50	1,200
16:16:21	635.50	631
16:16:21	635.50	1,166
16:16:26	635.40	2,960
16:16:26	635.40	1,787
16:16:35	635.60	1,770
16:16:35	635.60	1,233
16:16:59	635.60	2,209
16:16:59	635.60	308

16:16:59	635.60	2,864
16:17:09	635.50	1,299
16:17:09	635.50	175
16:17:09	635.50	1,198
16:17:09	635.50	2,265
16:17:19	635.60	2,584
16:17:25	635.40	1,367
16:17:33	635.30	1,271
16:17:34	635.30	2,869
16:17:49	635.30	3,572
16:18:21	635.50	3,010
16:18:28	635.50	2,061
16:18:32	635.50	1,260
16:18:38	635.40	2,830
16:18:39	635.40	3,193
16:18:43	635.30	2,572
16:18:43	635.30	671
16:18:44	635.30	1,300
16:18:44	635.30	346
16:19:33	635.30	2,557
16:19:33	635.30	1,856
16:19:33	635.30	1,200
16:19:33	635.30	167
16:19:47	635.30	1,865
16:19:48	635.30	1,456

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

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