

HSBC HOLDINGS PLC

15 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:	15 November 2016
Number of ordinary shares of US\$0.50 each purchased:	4,295,277
Highest price paid per share:	£6.4370
Lowest price paid per share:	£6.3480
Volume weighted average price paid per share:	£6.3853

Following the purchase of these shares, the Company holds 238,772,225 of its ordinary shares in treasury and has 19,829,019,911 ordinary shares in issue (excluding treasury shares). Therefore the total voting rights in HSBC Holdings plc is 19,829,019,911. 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>
08:01:04	639.00	1,204
08:01:05	639.00	1,135
08:01:11	638.60	844
08:01:13	638.70	144
08:01:13	638.70	263
08:01:13	638.70	170
08:01:13	638.70	3,084
08:01:24	639.10	1,484
08:01:46	639.70	18
08:01:46	639.70	1,322
08:01:49	639.30	1,105
08:01:54	638.90	3,901
08:02:18	637.80	124
08:02:18	637.80	230
08:02:18	637.80	256
08:02:18	637.80	148
08:02:18	637.80	65
08:02:18	637.80	82
08:02:18	637.80	65
08:02:50	638.50	1,307
08:02:50	638.50	1,589
08:02:51	638.50	1,922
08:02:55	638.50	1,578

08:03:15	638.50	1,701
08:03:20	638.50	1,337
08:03:21	638.40	1,771
08:03:28	638.50	1,310
08:03:31	638.50	1,130
08:03:34	638.30	2,041
08:03:45	638.20	1,584
08:03:54	637.60	807
08:03:54	637.60	2,513
08:04:13	637.50	1,381
08:04:29	637.50	1,287
08:05:08	637.60	1,307
08:05:08	637.60	1,103
08:05:09	637.60	4,285
08:05:09	637.60	1,397
08:05:10	637.50	1,214
08:05:13	637.50	1,451
08:05:16	637.50	1,252
08:05:23	637.60	3,803
08:05:56	637.90	4,405
08:05:57	637.80	2,424
08:05:57	637.80	2,222
08:06:03	637.30	1,276
08:06:07	637.20	1,222
08:06:09	637.00	346
08:06:20	637.00	1,617
08:06:26	637.00	1,454
08:06:33	637.00	3,120
08:06:34	637.00	274
08:06:36	637.00	1,437
08:06:38	637.00	3,688
08:06:39	637.00	2,234
08:06:43	637.00	1,252
08:06:53	637.00	3,817
08:06:54	637.00	1,957
08:06:54	637.00	706
08:06:56	637.00	557
08:07:49	637.00	1,507
08:07:49	637.00	460
08:07:49	637.00	1,142
08:07:49	637.00	2,122
08:07:49	637.00	220
08:07:53	637.10	1,126
08:07:53	637.10	133
08:08:17	637.50	886
08:08:17	637.50	3,709
08:08:17	637.50	621
08:08:18	637.50	2,000
08:08:18	637.50	1,164
08:08:18	637.50	666

08:08:18	637.30	1,626
08:08:18	637.30	2,024
08:09:14	637.70	2,000
08:09:14	637.70	1,186
08:09:17	637.70	2,224
08:09:17	637.70	1,100
08:09:17	637.70	1,942
08:09:17	637.70	58
08:09:17	637.70	1,186
08:09:17	637.70	2,140
08:09:18	637.70	9
08:09:18	637.70	2,000
08:09:18	637.70	200
08:09:18	637.70	275
08:09:50	637.70	1,160
08:10:14	637.90	1,617
08:10:19	638.10	1,433
08:10:19	638.10	4,625
08:10:19	638.10	1,234
08:10:19	638.00	1,016
08:10:19	638.10	1,481
08:10:44	638.00	2,000
08:10:47	638.00	732
08:10:47	638.00	3,556
08:11:13	637.80	247
08:11:13	637.80	2,000
08:11:13	637.90	460
08:11:13	637.80	2,000
08:11:13	637.80	174
08:11:21	637.80	3,662
08:11:34	637.90	300
08:12:00	638.10	4,557
08:12:00	638.10	2,000
08:12:00	638.10	1,075
08:12:00	638.10	944
08:12:03	638.10	636
08:12:03	638.10	2,236
08:12:03	638.10	1,201
08:12:15	638.00	2,044
08:12:34	638.20	856
08:12:34	638.20	317
08:13:18	638.60	248
08:13:18	638.60	2,388
08:13:47	638.70	1,100
08:13:47	638.70	425
08:13:56	638.60	3,858
08:13:59	638.50	2,098
08:14:00	638.50	1,193
08:14:01	638.50	524
08:14:01	638.50	809

08:14:03	638.40	3,655
08:14:13	638.60	2,000
08:14:13	638.60	1,502
08:14:15	638.60	741
08:14:15	638.60	543
08:14:19	638.60	1,219
08:14:21	638.60	1,182
08:14:25	638.50	3,190
08:14:28	638.30	1,062
08:14:28	638.30	2,000
08:14:28	638.30	220
08:14:40	638.50	721
08:14:40	638.50	1,935
08:14:46	638.30	1,553
08:15:15	638.40	1,737
08:15:23	638.30	1,700
08:15:35	638.10	1,375
08:15:36	638.00	1,000
08:15:36	638.00	267
08:16:18	637.70	3,214
08:16:18	637.70	1,000
08:16:45	637.90	2,495
08:16:45	637.90	2,022
08:16:45	637.90	1,729
08:16:45	637.90	1,088
08:16:50	637.90	1,751
08:17:32	638.00	2,528
08:17:44	637.80	973
08:17:44	637.80	973
08:17:44	637.80	820
08:18:01	637.80	1,198
08:18:20	637.90	3,365
08:18:20	637.90	1,273
08:18:24	637.80	1,238
08:18:33	637.70	1,560
08:18:37	637.70	1,225
08:19:28	637.80	1,169
08:19:28	637.80	1,355
08:19:46	637.60	2,914
08:19:48	637.60	1,366
08:20:54	637.70	450
08:20:54	637.70	5,021
08:21:03	637.80	2,835
08:21:04	637.80	2,401
08:21:04	637.80	895
08:21:04	637.80	577
08:21:55	638.10	584
08:21:55	638.10	894
08:21:55	638.10	548
08:21:55	638.10	1,194

08:21:55	638.10	1,292
08:21:55	638.10	27
08:21:56	638.00	198
08:21:56	638.00	116
08:21:56	638.00	866
08:21:58	638.00	1,389
08:21:58	638.00	296
08:22:07	638.20	1,349
08:22:22	638.20	1,879
08:22:22	638.20	647
08:22:23	638.20	886
08:22:23	638.20	317
08:22:23	638.20	20
08:22:23	638.20	1,730
08:22:36	637.90	1,440
08:22:36	637.90	651
08:22:41	637.60	3,035
08:22:59	637.50	1,507
08:22:59	637.50	1,330
08:23:15	637.30	300
08:23:24	637.40	598
08:23:24	637.40	2,000
08:23:25	637.40	1,484
08:23:25	637.40	753
08:23:32	637.40	648
08:23:32	637.40	2,142
08:23:35	637.40	541
08:23:35	637.40	2,344
08:23:35	637.40	1,660
08:23:42	637.40	2,705
08:23:48	637.30	2,075
08:24:44	638.00	1,598
08:24:44	638.00	933
08:24:44	638.00	3,079
08:24:44	638.00	1,531
08:24:54	638.00	1,648
08:24:56	638.00	2,007
08:24:56	638.00	2,000
08:24:56	638.00	677
08:24:56	638.00	77
08:25:19	638.20	900
08:25:30	638.20	1,256
08:25:30	638.20	380
08:25:30	638.20	1,758
08:25:31	638.20	1,486
08:26:04	638.50	534
08:26:04	638.50	1,331
08:26:04	638.50	1,000
08:26:04	638.50	676
08:26:04	638.50	592

08:26:43	638.30	1,415
08:26:43	638.30	413
08:26:43	638.30	74
08:26:43	638.30	677
08:26:44	638.30	1,342
08:26:44	638.30	1,511
08:27:13	638.10	2,000
08:27:13	638.10	1,100
08:27:22	638.10	2,000
08:27:22	638.10	1,200
08:27:28	638.10	600
08:27:36	638.20	5,528
08:27:45	638.20	300
08:27:45	638.20	4,086
08:27:45	638.20	2,000
08:27:45	638.20	1,248
08:28:09	638.10	2,000
08:28:09	638.10	1,271
08:28:11	638.10	657
08:28:11	638.10	765
08:28:11	638.10	540
08:28:11	638.10	1,112
08:28:11	638.10	51
08:28:12	638.10	1,200
08:28:12	638.10	585
08:28:46	638.10	2,000
08:28:46	638.10	1,595
08:28:46	638.10	209
08:28:47	638.00	1,382
08:28:47	638.00	642
08:29:12	637.80	1,137
08:29:50	637.70	3,514
08:29:50	637.60	1,365
08:30:17	637.20	1,018
08:30:18	637.20	139
08:30:48	636.50	971
08:30:48	636.50	2,000
08:30:51	636.50	1,300
08:30:51	636.50	3,157
08:30:51	636.30	1,610
08:30:51	636.40	1,259
08:30:58	636.40	1,296
08:31:19	636.30	4,363
08:31:19	636.20	1,183
08:31:21	636.10	1,406
08:31:21	636.10	1,951
08:31:43	635.90	1,421
08:31:49	636.00	1,493
08:31:49	636.00	3,185
08:31:49	636.00	1,538

08:31:49	636.00	158
08:31:52	635.80	2,900
08:31:52	635.80	2,000
08:31:59	635.60	2,641
08:31:59	635.50	3,430
08:31:59	635.50	348
08:32:15	635.70	2,000
08:32:15	635.70	2,000
08:32:16	635.70	2,000
08:32:23	635.70	3,948
08:32:45	635.70	1,903
08:32:50	635.70	3,664
08:32:50	635.70	1,000
08:32:50	635.70	145
08:33:00	635.40	2,845
08:33:46	635.40	1,311
08:34:15	635.80	4,079
08:34:15	635.80	1,032
08:34:19	635.80	1,414
08:34:19	635.80	762
08:34:19	635.80	2,514
08:34:50	635.90	4,792
08:34:51	635.90	3,621
08:34:51	635.90	345
08:34:56	636.00	2,827
08:34:57	636.00	2,000
08:34:57	636.00	492
08:35:00	635.90	1,674
08:35:00	635.90	800
08:35:00	635.90	1,190
08:35:28	635.90	4,278
08:35:28	635.90	319
08:35:48	635.90	2,720
08:35:48	635.90	1,100
08:35:48	635.90	712
08:35:48	635.90	712
08:35:51	635.90	1,497
08:35:56	635.80	1,468
08:36:17	635.50	1,842
08:36:26	635.40	1,925
08:36:36	635.60	3,649
08:36:36	635.60	65
08:36:51	635.40	2,534
08:36:55	635.30	2,396
08:37:24	634.80	1,523
08:37:48	635.10	3,303
08:37:48	635.10	294
08:37:53	635.00	1,820
08:37:58	635.00	1,221
08:38:17	634.90	1,601

08:38:37	635.10	966
08:38:37	635.10	2,050
08:38:53	635.50	400
08:38:58	635.60	2,000
08:38:59	635.60	1,736
08:39:17	635.50	3,812
08:39:17	635.50	937
08:39:17	635.50	1,348
08:39:17	635.50	2,337
08:39:18	635.50	282
08:39:18	635.50	500
08:39:23	635.70	1,200
08:39:23	635.70	720
08:39:26	635.60	1,821
08:39:26	635.60	2,710
08:39:27	635.60	1,310
08:39:30	635.40	1,387
08:39:57	635.20	1,181
08:39:57	635.20	2,000
08:40:13	635.20	1,348
08:40:15	635.20	2,000
08:40:15	635.20	1,000
08:40:16	635.20	2,456
08:40:19	635.20	3,189
08:40:20	635.20	1,337
08:40:20	635.20	2,000
08:40:20	635.20	972
08:40:38	635.40	1,388
08:40:38	635.40	28
08:40:38	635.40	1,371
08:40:46	635.50	1,488
08:40:46	635.30	2,000
08:40:46	635.30	1,000
08:40:46	635.40	141
08:40:47	635.50	2,000
08:41:20	635.80	5,359
08:41:20	635.80	1,100
08:41:20	635.80	2,000
08:41:20	635.80	2,220
08:41:27	635.90	2,998
08:41:30	635.90	600
08:41:30	635.90	664
08:41:30	635.90	1,989
08:41:43	636.10	2,000
08:41:44	636.10	2,000
08:41:44	636.00	16
08:41:45	636.00	2,800
08:41:45	636.00	25
08:41:51	636.00	4,067
08:42:15	636.30	231

08:42:15	636.30	4,851
08:42:15	636.30	2,000
08:42:55	636.90	4,582
08:42:55	636.90	1,193
08:42:55	636.90	1,000
08:42:59	636.90	1,831
08:42:59	636.90	191
08:42:59	636.90	735
08:42:59	636.90	1,950
08:42:59	636.90	146
08:42:59	636.90	2,000
08:42:59	636.90	895
08:43:11	636.70	3,709
08:43:19	636.80	1,386
08:43:24	636.60	1,275
08:43:28	636.30	1,214
08:43:47	636.60	1,071
08:43:47	636.60	1,167
08:44:04	636.50	1,970
08:44:04	636.50	205
08:44:27	636.80	503
08:44:27	636.80	607
08:44:27	636.80	1,333
08:44:27	636.80	1,406
08:44:30	636.70	757
08:44:30	636.70	1,297
08:44:36	636.30	1,211
08:45:34	636.60	556
08:45:34	636.60	344
08:45:34	636.60	3,440
08:45:34	636.60	4,119
08:45:34	636.60	65
08:47:00	637.20	400
08:47:04	637.20	187
08:47:04	637.20	4,323
08:47:07	637.20	1,200
08:47:17	637.20	1,300
08:47:17	637.20	1,596
08:47:17	637.20	2,000
08:47:34	637.20	4,980
08:47:34	637.20	2,000
08:47:34	637.20	1,521
08:47:34	637.20	831
08:47:35	637.10	1,600
08:47:35	637.10	16
08:47:35	637.10	1,400
08:47:35	637.10	379
08:47:40	637.00	1,170
08:48:03	636.90	1,602
08:48:03	636.90	503

08:48:05	636.80	2,132
08:48:05	636.70	1,300
08:48:17	636.70	463
08:48:17	636.70	724
08:48:23	636.50	1,400
08:48:23	636.50	394
08:49:19	636.20	1,400
08:49:19	636.20	32
08:50:18	636.50	1,657
08:50:18	636.50	2,133
08:50:18	636.50	1,400
08:50:18	636.50	328
08:50:21	636.40	550
08:50:21	636.40	1,086
08:50:23	636.30	1,254
08:50:33	636.30	1,561
08:51:00	636.40	643
08:51:00	636.40	640
08:51:24	636.80	1,100
08:51:24	636.80	433
08:51:24	636.90	1,200
08:51:24	636.90	163
08:51:27	636.80	1,200
08:51:27	636.80	46
08:51:35	636.80	232
08:51:35	636.80	1,947
08:51:35	636.80	232
08:51:35	636.70	1,200
08:51:35	636.70	422
08:52:18	637.00	1,856
08:52:19	637.00	1,258
08:53:33	636.90	2,424
08:53:33	636.90	1,171
08:55:00	637.30	334
08:55:00	637.30	3,954
08:55:41	637.80	1,657
08:55:41	637.70	2,380
08:55:48	637.70	213
08:55:48	637.70	1,200
08:55:48	637.70	2,000
08:55:48	637.70	518
08:55:50	637.60	1,468
08:56:01	637.60	1,300
08:56:01	637.60	60
08:56:28	637.70	7
08:56:28	637.70	2,928
08:56:37	637.40	2,159
08:57:10	637.30	705
08:57:10	637.30	714
08:57:27	637.00	657

08:57:27	637.00	2,917
08:57:27	637.00	208
08:57:52	636.60	123
08:58:03	636.40	1,271
08:58:24	636.30	1,986
08:58:52	636.60	2,243
08:59:03	636.50	903
08:59:03	636.50	358
08:59:16	636.20	251
08:59:23	636.50	12
08:59:23	636.50	1,645
08:59:34	636.40	1,406
08:59:34	636.40	1,922
08:59:34	636.30	1,266
08:59:56	636.30	1,378
08:59:56	636.30	1,375
08:59:59	636.40	1,326
09:00:23	636.70	1,185
09:00:26	636.70	1,000
09:00:26	636.70	2,000
09:00:26	636.70	822
09:00:35	636.60	2,502
09:00:35	636.40	2,085
09:01:07	636.30	901
09:01:07	636.30	456
09:01:44	636.40	2,725
09:02:18	636.10	524
09:02:18	636.10	695
09:02:26	636.20	710
09:02:26	636.20	3,242
09:02:26	636.20	1,635
09:03:14	636.70	536
09:03:14	636.70	446
09:03:27	636.70	1,228
09:03:27	636.70	687
09:03:27	636.70	2,000
09:03:27	636.70	1,600
09:03:27	636.70	69
09:03:42	636.70	1,322
09:04:19	636.90	200
09:04:20	636.90	527
09:04:20	636.90	1,398
09:04:20	636.90	1,000
09:04:20	636.90	790
09:05:15	637.60	1,245
09:05:44	637.90	4,727
09:05:44	637.90	2,000
09:05:44	637.90	1,300
09:05:48	638.10	1,200
09:05:48	638.10	2,000

09:05:48	638.10	315
09:05:51	638.00	2,213
09:05:51	638.00	863
09:05:51	638.00	2,007
09:06:54	638.30	3,856
09:07:07	638.20	395
09:07:07	638.20	1,595
09:07:15	638.00	698
09:07:15	638.00	595
09:07:20	638.10	1,537
09:07:20	638.10	1,717
09:07:55	638.10	1,289
09:07:56	638.10	1,305
09:07:59	638.00	2,009
09:08:13	638.10	2,364
09:08:13	638.10	1,212
09:08:30	638.00	100
09:08:30	638.00	638
09:08:30	638.00	2,950
09:08:36	637.90	1,763
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09:09:23	638.10	481
09:09:23	638.10	2,853
09:09:23	638.10	1,786
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09:11:29	638.00	1,217
09:11:59	638.20	3,465
09:12:22	638.00	2,921
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09:12:31	638.10	378
09:12:31	638.10	425
09:12:39	637.80	960
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09:13:43	638.00	2,326
09:13:48	637.90	2,030
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09:13:49	637.90	1,208
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09:13:57	637.60	1,104
09:14:21	637.80	1,498
09:15:22	637.60	1,000
09:15:22	637.60	180

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09:23:13	637.40	1,314
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11:06:21	642.90	1,645
11:06:52	642.80	1,365
11:07:21	643.00	2,384
11:07:25	642.90	1,200
11:07:50	642.70	2,000
11:07:50	642.70	1,070
11:09:10	642.80	1,359

11:10:53	643.00	1,394
11:11:08	642.90	446
11:11:08	642.90	1,004
11:12:24	643.00	1,919
11:12:45	643.10	1,100
11:12:45	643.10	30
11:13:16	643.00	815
11:13:16	643.00	61
11:13:16	643.00	1,436
11:13:16	643.00	468
11:14:20	642.90	921
11:14:20	642.90	1,662
11:14:44	642.70	1,991
11:15:25	642.70	1,681
11:15:26	642.60	1,230
11:15:46	642.50	1,899
11:15:47	642.50	1,300
11:16:26	642.60	3,802
11:16:53	642.50	1,148
11:16:53	642.50	1,494
11:16:56	642.40	1,211
11:17:03	642.30	1,248
11:17:48	642.50	3,090
11:17:48	642.40	476
11:17:48	642.40	512
11:17:48	642.40	1,003
11:19:37	642.20	1,365
11:20:06	642.00	1,169
11:20:06	642.00	533
11:20:10	642.10	353
11:20:10	642.10	2,000
11:20:11	642.10	1
11:20:18	642.00	2,583
11:20:48	642.10	2,443
11:20:48	642.10	1,622
11:21:16	641.70	2,000
11:22:08	641.60	2,590
11:22:08	641.60	662
11:22:18	641.70	24
11:22:18	641.70	3,452
11:22:25	641.60	1,037
11:22:43	641.50	1,376
11:23:19	641.30	2,868
11:23:42	641.10	1,381
11:23:53	640.90	1,753
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11:24:19	641.20	1,166
11:24:21	641.20	2,018
11:24:21	641.20	226
11:24:25	641.20	1,075

11:24:35	641.20	1,593
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11:25:24	641.10	1,063
11:25:55	641.20	4,079
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11:26:37	641.50	1,622
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11:26:43	641.50	575
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11:27:31	641.30	1,194
11:27:42	641.20	1,665
11:27:51	641.10	2,091
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11:28:02	641.00	1,952
11:28:05	640.90	1,308
11:28:27	640.80	1,188
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11:28:48	641.10	4,564
11:28:48	641.10	447
11:28:48	641.10	1,249
11:29:23	641.10	4,290
11:29:23	641.10	657
11:29:23	641.10	690
11:29:25	641.10	3,129
11:29:25	641.10	759
11:29:25	641.10	500
11:29:25	641.10	894
11:29:56	641.10	1,270
11:29:56	641.10	2,828
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11:30:39	641.50	1,225
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11:30:51	641.40	1,155
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11:32:14	641.40	900
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11:33:07	641.40	26
11:33:13	641.40	1,900
11:34:05	641.50	2,232

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11:35:07	641.50	1,887
11:35:07	641.50	455
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11:36:05	641.40	1,434
11:36:33	641.50	1,123
11:37:17	641.30	1,683
11:37:17	641.30	1,234
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11:38:01	641.20	529
11:38:01	641.20	645
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11:38:52	641.10	663
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11:40:08	640.90	1,162
11:40:08	640.90	2,699
11:41:08	641.00	933
11:41:08	641.00	944
11:41:21	641.10	1,858
11:41:56	641.00	1,938
11:41:56	641.00	307
11:42:37	641.00	1,636
11:42:37	641.00	180
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11:43:25	640.80	1,302
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11:47:26	641.10	3,879
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11:48:50	641.00	463
11:48:50	641.00	1,720
11:48:50	641.00	463
11:48:51	641.00	446
11:48:51	641.00	812
11:49:38	641.00	1,206

11:49:38	641.00	1,190
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11:50:16	640.80	652
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11:51:41	640.00	1,125
11:52:05	640.00	1,669
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11:54:27	640.10	2,508
11:54:51	640.00	1,610
11:54:51	640.00	87
11:54:51	640.00	2,153
11:55:07	640.00	2,286
11:55:22	639.80	93
11:55:22	639.80	2,837
11:55:24	639.70	1,950
11:55:35	639.60	2,183
11:55:54	639.60	1,734
11:56:24	639.50	767
11:56:47	639.50	525
11:56:57	639.50	785
11:57:46	640.10	1,200
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11:57:55	640.10	1,233
11:58:00	640.00	1,851
11:58:00	640.00	1,595
11:58:00	640.00	1,549
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11:59:31	640.00	1,401
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11:59:36	639.90	2,430
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11:59:54	639.90	1,175
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12:03:37	639.80	1,121
12:03:53	639.80	1,713
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12:04:54	639.60	2,506
12:04:54	639.60	763
12:04:54	639.60	1,153
12:04:54	639.60	329
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12:05:48	639.60	476
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12:06:20	639.60	537
12:06:21	639.60	1,234
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12:07:53	640.10	788
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12:13:16	640.40	1,349
12:14:19	640.30	1,654
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12:15:18	640.30	883
12:15:18	640.30	776
12:15:18	640.30	998
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12:16:40	640.20	19
12:17:05	640.20	1,179
12:18:15	640.10	1,833
12:18:34	640.20	2,865
12:20:13	640.40	1,837
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12:20:13	640.40	2,114
12:21:10	640.50	2,202
12:21:23	640.30	3,885
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12:21:45	640.30	2,740
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12:23:08	640.30	1,676
12:23:28	640.30	2,790
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12:25:24	640.00	280
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12:27:42	640.10	1,387
12:28:10	639.90	1,241
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12:28:26	640.00	867
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12:31:22	639.60	446
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12:31:22	639.60	124
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12:31:55	639.50	2,411
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12:32:50	639.20	1,718
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12:33:00	638.90	1,842
12:33:13	638.60	66
12:33:21	639.00	1,949
12:33:22	639.00	1,265
12:33:37	638.90	2,804
12:33:37	638.90	1,383
12:34:04	638.70	2,337
12:34:04	638.70	1,945
12:34:20	638.60	1,610
12:34:42	638.50	1,364
12:34:47	638.40	1,996
12:35:49	638.70	2,000
12:35:49	638.70	994
12:35:59	638.70	4,383
12:35:59	638.70	1,824
12:36:26	638.80	3,573

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12:36:52	638.70	1,130
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12:37:56	638.80	4,551
12:37:57	638.80	2,000
12:37:57	638.80	2,487
12:38:00	638.70	2,157
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12:38:51	638.70	3,367
12:39:17	638.70	1,606
12:39:47	638.40	3,154
12:40:12	638.20	1,241
12:40:25	638.20	861
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12:41:35	638.50	110
12:41:37	638.50	1,725
12:41:37	638.50	1,561
12:41:37	638.50	2,000
12:41:37	638.50	350
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12:42:13	638.40	2,744
12:42:43	638.20	2,338
12:43:09	638.20	1,553
12:43:29	638.10	134
12:43:29	638.10	1,244
12:43:40	638.00	2,469
12:43:40	638.00	1,815
12:43:40	638.00	1,719
12:43:40	638.00	1,888
12:43:40	638.00	446
12:43:40	638.00	435
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12:44:12	638.10	2,000
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12:44:25	638.10	1,720
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12:44:28	638.00	1,332
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12:45:23	638.10	2,105
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12:45:44	637.80	1,415

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12:45:50	637.80	957
12:45:54	637.70	1,212
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12:47:47	637.80	1,735
12:47:54	637.70	1,622
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12:47:57	637.60	920
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12:49:29	637.40	402
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12:49:35	637.40	1,333
12:49:42	637.20	2,037
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12:49:52	637.00	1,257
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12:50:59	637.10	1,470
12:51:19	637.40	1,833
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12:51:20	637.40	1,351
12:51:28	637.40	1,386
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12:52:00	637.30	335
12:52:05	637.30	1,158
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12:52:20	637.50	1,579
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12:52:33	637.40	2,701
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12:54:16	637.30	915
12:54:22	637.30	1,850
12:54:29	637.40	707
12:54:29	637.40	655
12:54:30	637.30	1,685
12:54:30	637.30	26
12:54:30	637.30	1,200
12:54:30	637.30	359
12:54:51	637.30	1,465
12:55:06	637.40	756
12:55:06	637.40	1,146
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12:55:11	637.30	1,314
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12:55:48	637.50	1,411
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12:56:01	637.60	346
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12:56:55	637.80	622
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12:57:24	637.90	440
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12:58:45	637.50	1,912

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12:59:31	637.80	1,400
12:59:31	637.80	282
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12:59:41	637.70	1,406
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13:00:18	637.90	1,282
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13:02:12	638.50	965
13:02:12	638.50	1,267
13:02:18	638.50	1,599
13:02:18	638.50	2,544
13:02:18	638.50	1,200
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13:02:22	638.40	411
13:02:22	638.40	1,531
13:02:36	638.50	352
13:02:36	638.50	1,586
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13:03:02	638.50	1,318
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13:03:30	638.70	775
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13:03:52	638.70	1,324
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13:04:26	638.80	1,578
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13:04:44	638.80	241

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13:04:53	638.80	2,055
13:04:53	638.80	3
13:04:58	638.80	1,140
13:04:59	638.80	728
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13:05:31	639.30	1,200
13:05:31	639.30	568
13:05:38	639.40	1,200
13:05:38	639.40	118
13:05:59	639.50	1,329
13:05:59	639.50	92
13:06:00	639.40	3,805
13:06:00	639.40	88
13:06:24	639.30	2,937
13:07:03	639.20	1,036
13:07:03	639.20	1,278
13:07:24	638.80	1,110
13:07:24	638.80	2,342
13:07:53	638.70	1,893
13:08:07	638.70	1,779
13:08:50	638.90	1,399
13:09:18	638.70	135
13:09:18	638.70	1,442
13:09:19	638.50	3,498
13:09:27	638.30	1,352
13:09:30	638.30	1,196
13:10:20	638.40	1,546
13:10:20	638.40	694
13:10:44	638.60	690
13:10:44	638.60	936
13:10:44	638.60	234
13:11:02	638.70	1,189
13:11:02	638.70	353
13:11:09	638.70	1,501
13:11:09	638.70	2,369
13:11:18	638.70	1,903
13:11:18	638.70	1,200
13:11:18	638.70	702
13:11:48	638.60	1,551
13:12:59	638.30	3,184
13:12:59	638.30	416
13:13:00	638.20	2,212
13:13:51	637.80	95
13:13:51	637.80	1,930
13:14:37	638.10	3,281
13:15:45	638.10	1,237
13:15:45	638.10	1,176
13:16:12	638.00	1,109

13:16:12	638.00	140
13:16:54	638.10	1,839
13:17:32	638.20	3,944
13:17:32	638.20	1,478
13:18:14	638.00	1,264
13:18:49	637.70	928
13:20:00	637.70	2,347
13:20:00	637.70	680
13:20:24	637.90	2,000
13:20:45	637.80	3,546
13:20:52	637.60	2,885
13:21:01	637.60	401
13:21:01	637.60	1,110
13:21:01	637.60	1,366
13:21:02	637.60	2,000
13:21:02	637.60	766
13:21:18	637.50	3,005
13:22:15	637.60	1,046
13:22:15	637.60	453
13:22:18	637.60	3,844
13:22:18	637.60	177
13:22:21	637.60	1,355
13:22:21	637.60	1,013
13:23:13	637.50	1,559
13:23:23	637.60	1,279
13:23:58	637.40	1,410
13:24:29	637.10	2,248
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13:25:28	636.70	2,240
13:25:28	636.70	1,097
13:25:36	636.90	1,642
13:25:36	636.90	215
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13:26:31	636.70	1,392
13:26:53	636.40	1,171
13:27:06	636.70	1,559
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13:28:20	636.70	511
13:28:32	636.70	1,811
13:28:43	636.50	1,277
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13:30:16	637.20	2,584
13:30:30	637.40	1,520
13:30:30	637.40	1,001
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13:30:32	637.60	200

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13:30:32	637.50	2,000
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13:30:33	637.50	1,726
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13:30:47	637.50	1,115
13:30:51	637.60	1,039
13:31:00	637.90	1,123
13:31:07	637.90	1,123
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13:31:09	637.80	238
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13:31:40	638.10	2,000
13:31:40	638.10	492
13:31:40	638.00	1,513
13:31:49	638.10	2,000
13:32:06	638.30	1,218
13:32:06	638.20	1,575
13:32:06	638.20	2,000
13:32:11	638.00	440
13:32:12	638.00	3,985
13:33:13	638.00	2,282
13:33:13	638.00	1,000
13:33:13	638.00	896
13:33:21	638.00	4,339
13:33:21	638.00	360
13:33:31	637.90	2,098
13:33:31	637.90	1,614
13:34:22	637.90	2,095
13:34:26	637.80	1,200
13:34:26	637.80	57
13:35:06	637.90	2,199
13:35:06	637.90	1,100
13:35:06	637.90	409
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13:36:49	638.10	1,154
13:37:47	638.30	1,174
13:38:39	638.00	3,800
13:38:39	638.00	150
13:39:00	638.00	3,278
13:39:14	638.00	1,322
13:39:34	638.00	1,177
13:40:20	637.50	1,566
13:40:54	637.80	3,095
13:40:54	637.80	1,139
13:41:41	637.70	1,024

13:42:01	637.80	2,728
13:43:37	637.80	1,315
13:43:37	637.80	1,643
13:44:00	637.70	2,641
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13:44:57	637.50	2,625
13:44:57	637.50	1,074
13:45:56	637.60	3,581
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13:46:19	637.60	3,258
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13:46:19	637.60	480
13:46:55	637.60	2,782
13:46:58	637.50	2
13:46:58	637.50	1,144
13:47:23	637.60	866
13:47:23	637.60	1,900
13:48:03	637.60	1,604
13:48:03	637.60	1,904
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13:48:18	637.60	1,386
13:48:24	637.50	1,220
13:48:26	637.50	1,191
13:48:26	637.40	1,359
13:48:47	637.40	2,106
13:49:05	637.40	831
13:49:05	637.40	2,106
13:49:48	637.30	3,413
13:50:05	637.20	1,488
13:50:18	637.40	780
13:50:18	637.40	2,861
13:50:18	637.30	27
13:50:23	637.30	1,243
13:50:34	637.20	2,459
13:50:45	637.50	1,628
13:50:45	637.50	2,000
13:50:45	637.50	156
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13:51:06	637.40	945
13:51:24	637.60	1,833
13:51:35	637.60	566
13:51:35	637.60	1,341
13:51:59	637.50	1,233
13:52:21	637.40	1,423
13:52:21	637.40	989
13:52:21	637.40	458
13:52:48	637.60	1,827
13:52:57	637.50	2,000
13:53:14	637.50	2,316

13:53:14	637.50	1,558
13:53:14	637.50	1,280
13:54:53	637.50	1,296
13:54:55	637.50	382
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13:56:03	637.70	1,358
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13:56:09	637.70	1,414
13:56:09	637.70	1,325
13:56:09	637.70	1,130
13:56:42	637.70	1,422
13:57:01	637.60	1,000
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13:59:10	637.60	3,146
13:59:23	637.50	1,684
13:59:31	637.40	1,409
13:59:59	637.60	3,114
13:59:59	637.60	161
14:00:15	637.50	1,235
14:00:17	637.50	1,401
14:00:17	637.50	787
14:00:17	637.50	1,000
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14:00:42	637.40	642
14:00:42	637.40	2,832
14:00:42	637.40	1,164
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14:01:08	637.20	225
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14:01:20	637.20	675
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14:01:58	637.10	2,120
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14:16:46	636.00	4,164
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14:18:36	636.30	1,235

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14:21:53	636.90	2,050
14:21:53	636.90	321
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14:28:45	636.50	1,608

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14:47:50	636.10	494
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14:47:50	636.10	351
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14:54:16	636.90	2,000
14:54:16	636.90	1,142
14:54:16	636.90	132
14:54:40	636.90	400
14:55:02	637.00	4,636
14:55:02	637.00	3,255
14:55:16	637.10	3,741
14:55:26	637.10	2,150
14:55:34	636.90	831
14:55:34	636.90	2,048
14:55:42	636.90	3,101
14:55:45	636.90	438
14:55:45	636.90	1,258
14:56:13	636.90	1,378
14:56:13	636.90	938
14:56:17	636.90	224
14:56:17	636.90	917
14:56:35	637.00	900
14:56:51	637.40	1,000
14:56:51	637.40	1,074
14:56:54	637.30	100
14:57:00	637.30	1,735
14:57:02	637.30	1,904
14:57:02	637.30	328
14:57:02	637.30	863
14:57:02	637.30	2,000
14:57:02	637.30	232
14:57:17	637.10	1,377
14:57:21	637.20	1,400
14:57:21	637.20	2,400
14:57:22	637.20	1,256
14:57:24	637.10	1,233
14:57:27	637.10	1,125

14:57:45	637.40	49
14:57:45	637.40	976
14:57:47	637.40	2,000
14:57:47	637.40	247
14:57:50	637.40	1,196
14:57:57	637.30	3,760
14:57:57	637.30	3,910
14:58:06	637.20	3,268
14:58:17	637.20	3,584
14:58:51	637.30	3,751
14:58:51	637.30	387
14:58:54	637.20	900
14:59:05	637.30	172
14:59:05	637.30	1,200
14:59:05	637.30	647
14:59:14	637.20	3,554
14:59:18	637.10	961
14:59:18	637.10	706
14:59:18	637.10	532
14:59:30	637.00	1,630
14:59:30	637.00	2,023
14:59:49	637.20	2,822
14:59:53	637.30	1,947
14:59:53	637.30	122
15:00:00	637.40	1,026
15:00:00	637.40	624
15:00:37	638.00	1,398
15:00:40	638.00	1,300
15:00:40	638.00	34
15:00:44	638.00	1,420
15:00:49	637.90	1,974
15:00:50	637.90	1,300
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15:00:53	637.90	2,000
15:00:53	637.90	1,000
15:00:53	637.90	274
15:01:20	637.90	2,978
15:01:50	637.90	3,792
15:01:50	637.90	1,690
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15:02:27	638.40	1,096
15:02:27	638.40	2,000
15:02:27	638.40	1,400
15:02:27	638.40	748
15:02:32	638.40	500
15:02:32	638.40	1,115
15:02:32	638.40	1,547
15:02:34	638.30	1,200
15:02:34	638.30	1,100

15:02:34	638.30	467
15:02:55	638.30	1,977
15:03:02	638.30	1,382
15:03:10	638.30	1,276
15:03:10	638.30	724
15:03:10	638.30	1,316
15:03:10	638.30	346
15:03:26	638.20	3,503
15:03:34	638.50	2,000
15:03:34	638.50	1,200
15:03:34	638.50	1,677
15:03:36	638.50	308
15:03:36	638.50	1,400
15:03:42	638.50	2,201
15:03:42	638.50	445
15:03:51	638.50	929
15:03:51	638.50	205
15:04:00	638.60	2,000
15:04:00	638.60	326
15:04:04	638.50	1,500
15:04:04	638.50	532
15:04:12	638.40	2,811
15:04:12	638.40	1,200
15:04:12	638.40	697
15:04:20	638.30	1,740
15:04:20	638.30	721
15:04:27	638.50	2,040
15:04:30	638.60	1,533
15:04:30	638.60	717
15:04:30	638.60	664
15:04:36	638.60	2,763
15:04:42	638.60	1,151
15:04:45	638.60	2,234
15:04:45	638.60	174
15:04:50	638.50	3,116
15:05:03	638.70	1,242
15:05:03	638.70	80
15:05:03	638.70	1,138
15:05:11	638.70	1,954
15:05:20	638.60	2,731
15:05:20	638.60	1,000
15:05:20	638.60	735
15:05:30	638.80	1,916
15:05:34	638.70	2,140
15:05:34	638.70	2,099
15:05:38	638.60	2,209
15:05:48	638.50	1,589
15:06:02	638.60	4,377
15:06:11	638.50	1,255
15:06:11	638.50	863

15:06:11	638.50	1,680
15:06:41	638.70	1,136
15:06:47	638.60	2,077
15:06:47	638.60	226
15:06:47	638.60	1,430
15:06:52	638.40	1,929
15:06:52	638.40	351
15:06:52	638.40	997
15:06:54	638.30	1,627
15:06:57	638.40	822
15:07:15	638.20	723
15:07:16	638.20	1,497
15:07:16	638.20	1,812
15:07:35	638.20	1,003
15:07:43	638.20	1,202
15:08:10	638.30	893
15:08:10	638.30	1,266
15:08:19	638.30	1,641
15:08:19	638.30	690
15:08:19	638.30	1,506
15:09:13	638.80	2,000
15:09:14	638.80	900
15:09:17	638.80	4,853
15:09:17	638.80	2,540
15:09:17	638.80	2,000
15:09:17	638.80	120
15:09:17	638.80	1,109
15:09:17	638.80	1,446
15:09:18	638.80	922
15:09:18	638.80	472
15:09:39	638.90	500
15:09:41	638.90	1,456
15:09:41	639.00	1,166
15:09:45	639.00	1,134
15:09:51	638.90	197
15:09:52	638.90	1,688
15:09:52	638.90	2,000
15:09:52	638.90	764
15:10:03	638.80	1,154
15:10:03	638.80	1,766
15:10:04	638.80	871
15:10:04	638.80	471
15:10:44	639.20	3,867
15:10:51	639.20	4,578
15:11:07	639.30	1,257
15:11:07	639.30	730
15:11:07	639.30	1,000
15:11:08	639.30	2,473
15:11:10	639.20	1,652
15:11:10	639.20	2,000

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15:11:37	639.20	1,290
15:11:37	639.20	632
15:11:38	639.20	1,419
15:11:43	639.20	1,182
15:12:10	639.30	4,058
15:12:10	639.30	2,000
15:12:10	639.30	192
15:12:21	639.20	1,455
15:12:21	639.20	338
15:12:37	639.30	2,767
15:13:14	639.50	4,336
15:13:20	639.40	2,972
15:13:20	639.40	249
15:13:20	639.40	2,000
15:13:20	639.40	13
15:13:38	639.30	1,387
15:14:13	639.20	3,270
15:14:14	639.30	1,465
15:14:20	639.20	4,092
15:14:24	639.20	700
15:14:31	639.20	2,191
15:14:58	639.00	1,367
15:14:59	638.90	1,332
15:15:12	639.30	1,942
15:15:48	639.40	2,368
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15:15:59	639.20	3,249
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15:15:59	639.20	300
15:16:03	639.20	3,395
15:16:34	639.50	2,551
15:16:50	639.50	3,000
15:16:50	639.50	760
15:16:50	639.50	1,759
15:17:12	639.40	3,500
15:17:38	639.60	1,000
15:17:38	639.60	500
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15:17:38	639.60	970
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15:18:38	639.60	566
15:18:38	639.60	3,452
15:18:54	639.40	1,737
15:18:54	639.40	2,000
15:18:54	639.40	161
15:19:04	639.20	3,530

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15:19:17	639.00	1,262
15:19:33	639.20	2,763
15:20:05	639.10	2,606
15:20:05	639.10	1,149
15:20:52	638.80	473
15:20:52	638.80	546
15:20:52	638.80	540
15:20:52	638.80	1,326
15:20:52	638.80	230
15:20:52	638.80	732
15:20:56	638.70	1,462
15:21:07	638.70	500
15:21:08	638.70	919
15:21:08	638.70	139
15:21:08	638.70	1,419
15:21:23	638.60	990
15:21:29	638.60	944
15:21:32	638.40	1,131
15:21:32	638.40	465
15:21:39	638.40	170
15:21:39	638.40	646
15:21:39	638.40	585
15:22:09	638.40	485
15:22:09	638.40	2,752
15:22:44	638.50	1,918
15:23:17	638.60	1,264
15:23:17	638.60	1,750
15:23:42	638.60	4,336
15:24:04	638.80	777
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15:24:09	638.80	2,056
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15:24:56	639.10	500
15:24:56	639.10	1,234
15:25:22	639.30	2,000
15:25:22	639.30	906
15:25:48	639.30	1,100
15:25:48	639.30	655
15:25:50	639.20	4,095
15:25:50	639.20	2,000
15:25:50	639.20	24
15:25:52	639.10	1,264
15:25:53	639.10	238
15:25:53	639.10	500

15:25:53	639.10	500
15:25:53	639.10	500
15:25:53	639.10	500
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15:26:26	639.10	2,084
15:26:33	639.00	2,382
15:26:54	638.90	1,334
15:26:54	638.90	773
15:27:00	638.90	1,037
15:27:00	638.90	751
15:27:05	638.80	1,074
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15:27:30	638.70	2,528
15:27:35	638.60	2,587
15:27:37	638.50	1,378
15:27:42	638.50	639
15:27:42	638.50	782
15:28:09	638.60	2,855
15:28:10	638.60	1,526
15:28:23	638.60	757
15:28:33	638.60	2,352
15:28:33	638.60	1,551
15:28:37	638.50	2,736
15:28:44	638.50	1,312
15:29:05	638.40	2,963
15:29:06	638.40	3,652
15:29:06	638.40	502
15:29:06	638.40	502
15:29:06	638.40	88
15:29:24	638.50	488
15:29:24	638.50	1,127
15:29:45	638.70	3,177
15:29:45	638.70	1,203
15:29:46	638.70	797
15:29:47	638.70	2,000
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15:29:51	638.60	4,419
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15:30:03	638.20	1,633
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15:30:23	638.20	1,917
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15:30:27	638.20	79
15:30:27	638.20	1,244
15:30:31	638.10	1,185
15:30:35	638.20	1,763
15:30:37	638.20	912

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15:30:37	638.20	1,208
15:30:37	638.20	576
15:30:40	638.20	1,483
15:30:49	638.20	2,614
15:30:50	638.20	1,620
15:30:50	638.20	2,276
15:30:56	638.20	1,131
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15:31:13	638.20	3,090
15:31:16	638.20	1,360
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15:31:33	638.20	2,574
15:31:33	638.20	289
15:31:38	638.20	1,321
15:31:41	638.20	1,066
15:31:41	638.20	1,870
15:31:52	638.40	1,453
15:31:53	638.40	1,001
15:31:54	638.40	1,591
15:31:59	638.30	1,787
15:31:59	638.30	1,061
15:31:59	638.30	1,787
15:32:13	638.40	947
15:32:14	638.40	3,147
15:32:14	638.40	1,157
15:33:03	638.30	1,158
15:33:06	638.20	1,400
15:33:06	638.20	3,154
15:33:06	638.20	1,218
15:33:08	638.20	165
15:33:08	638.20	2,042
15:33:11	638.20	57
15:33:11	638.20	2,076
15:33:11	638.20	85
15:33:15	638.20	1,170
15:33:30	638.20	100
15:33:31	638.20	836
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15:33:44	638.20	622
15:33:44	638.20	14
15:33:46	638.20	2,090
15:33:50	638.20	434
15:34:03	638.30	1,175
15:34:03	638.30	1,480
15:34:09	638.20	89
15:34:13	638.30	2,413
15:34:13	638.20	780

15:34:29	638.20	3,575
15:34:36	638.20	3,871
15:34:39	638.20	2,020
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15:35:05	638.30	100
15:35:15	638.30	1,383
15:35:15	638.30	56
15:35:24	638.20	946
15:35:33	638.20	1,880
15:35:40	638.10	2,460
15:35:47	637.90	1,131
15:35:56	637.60	4,759
15:35:59	637.60	184
15:36:05	637.60	894
15:36:05	637.60	2,256
15:36:19	637.80	4,536
15:36:31	638.00	2,839
15:36:37	638.00	1,287
15:36:58	638.10	658
15:36:58	638.10	473
15:36:59	638.10	2,281
15:36:59	638.10	648
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15:37:15	638.10	2,000
15:37:15	638.10	1,000
15:37:15	638.10	413
15:37:34	638.10	3,924
15:37:38	638.00	2,997
15:38:01	638.10	3,045
15:38:18	638.00	1,162
15:38:32	638.00	1,721
15:38:32	638.00	1,398
15:38:49	638.00	567
15:38:49	638.00	654
15:39:00	638.00	1,193
15:39:23	638.00	1,432
15:39:51	637.80	3,005
15:39:58	637.70	2,353
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15:40:35	637.70	2,808
15:40:55	637.70	2,000
15:40:55	637.70	935
15:41:10	637.50	2,515
15:41:10	637.50	293
15:41:14	637.50	1,238
15:41:30	637.50	1,897
15:41:52	637.60	1,518
15:41:52	637.60	1,858
15:41:52	637.60	1,300

15:41:52	637.60	42
15:41:57	637.50	1,391
15:42:11	637.40	2,210
15:42:20	637.40	1,350
15:42:38	637.40	2,505
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15:43:26	637.60	1,685
15:44:12	637.60	3,480
15:44:50	637.40	103
15:44:50	637.40	4,023
15:44:50	637.40	1,262
15:44:54	637.30	1,151
15:44:54	637.30	994
15:44:54	637.30	41
15:45:19	637.30	1,303
15:45:37	637.60	1,449
15:45:37	637.60	104
15:45:38	637.50	1,200
15:45:38	637.50	413
15:45:49	637.60	1,881
15:46:30	637.60	2,831
15:46:31	637.60	1,375
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15:47:08	637.70	662
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15:47:19	637.60	405
15:47:58	637.70	2,252
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15:48:13	637.50	2,182
15:48:23	637.50	650
15:48:23	637.50	480
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15:48:41	637.50	3,084
15:48:52	637.40	1,126
15:49:32	637.30	3,246
15:49:55	637.30	1,523
15:50:06	637.30	1,226
15:50:15	637.20	1,160
15:50:15	637.20	2,074
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15:51:19	637.40	400
15:51:19	637.40	703
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15:52:17	637.20	1,155
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15:52:22	637.20	1,238
15:52:25	637.10	684
15:52:25	637.10	2,106
15:52:25	637.10	2,679
15:53:16	637.10	3,020
15:53:16	637.10	1,343
15:53:54	637.10	4,451
15:54:01	637.00	3,394
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15:54:19	636.90	1,341
15:54:34	637.10	1,190
15:54:54	637.10	1,954
15:54:56	637.10	4,181
15:55:41	637.00	1,817
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15:55:41	637.00	961
15:55:41	637.00	1,153
15:55:42	637.00	2,000
15:55:42	637.00	1,100
15:55:48	637.00	2,819
15:55:49	637.00	22
15:55:49	637.00	3,065
15:55:58	637.00	2,702
15:56:07	637.00	573
15:56:07	637.00	921
15:56:15	637.10	502
15:56:15	637.10	687
15:56:23	637.10	1,420
15:56:37	637.10	4,248
15:57:05	637.10	2,741
15:57:05	637.10	1,462
15:57:57	637.40	1,641
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15:58:00	637.30	2,092
15:58:00	637.30	1,233
15:58:01	637.30	1,443
15:58:45	637.60	1,129
15:58:45	637.60	1,790
15:58:45	637.60	1,382
15:58:45	637.60	291
15:58:50	637.60	1,885
15:59:02	637.70	3,570
15:59:02	637.70	62

15:59:02	637.70	1,115
15:59:02	637.70	276
15:59:11	637.70	1,760
15:59:14	637.60	1,389
15:59:29	637.70	2,475
15:59:40	637.60	1,710
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16:00:12	637.80	2,000
16:00:12	637.80	546
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16:00:25	637.60	4,130
16:00:25	637.60	659
16:00:26	637.60	1,435
16:00:26	637.60	1,265
16:00:26	637.60	685
16:00:26	637.60	1,612
16:00:26	637.60	1,088
16:01:08	637.60	2,058
16:01:31	637.80	1,435
16:01:42	637.80	1,482
16:01:42	637.80	1,200
16:01:42	637.80	480
16:01:51	637.80	3,292
16:02:10	637.80	1,836
16:02:17	637.70	946
16:02:17	637.70	856
16:02:25	637.80	1,753
16:02:43	637.80	1,300
16:02:43	637.80	45
16:03:00	637.80	1,660
16:03:00	637.80	1,233
16:03:38	637.70	1,356
16:03:39	637.70	401
16:03:40	637.70	1,034
16:03:40	637.70	1,483
16:03:44	637.70	2,766
16:03:44	637.70	1,184
16:03:44	637.70	502
16:03:44	637.70	942
16:03:52	637.70	1,299
16:04:04	637.70	1,821
16:04:38	638.00	1,500
16:04:38	638.00	480
16:04:38	638.00	543
16:04:44	638.00	1,200
16:04:44	638.00	508
16:04:56	638.00	1,762
16:05:05	638.00	4,427
16:05:05	638.00	480
16:05:05	638.00	1,327

16:05:14	638.00	3,950
16:05:30	637.80	3,077
16:05:36	637.80	1,392
16:05:48	637.80	1,747
16:06:17	637.90	930
16:06:17	637.90	734
16:06:17	637.90	2,662
16:06:17	637.90	1,618
16:06:37	638.20	1,000
16:06:37	638.20	1,268
16:06:48	638.20	1,239
16:06:48	638.20	426
16:07:03	638.20	4,365
16:07:23	638.00	4,325
16:07:24	637.90	1,965
16:08:11	638.20	1,192
16:08:13	638.10	2,861
16:08:13	638.10	1,197
16:08:13	638.10	1,620
16:08:20	637.90	2,912
16:08:41	637.50	3,505
16:08:42	637.40	378
16:08:42	637.40	895
16:08:43	637.30	1,237
16:08:50	637.30	3,428
16:08:50	637.30	859
16:08:50	637.20	2,000
16:08:50	637.20	697
16:09:22	637.30	753
16:09:27	637.30	864
16:09:27	637.30	1,158
16:09:27	637.30	492
16:09:28	637.20	1,782
16:09:34	637.20	3,673
16:09:34	637.10	1,889
16:09:40	637.10	1,756
16:09:40	637.10	1,945
16:10:10	637.20	3,788
16:10:17	637.20	1,689
16:10:18	637.20	1,756
16:10:29	637.10	2,518
16:10:30	637.10	1,007
16:10:30	637.10	146
16:10:42	637.00	553
16:10:42	637.00	2,866
16:11:14	636.50	2,000
16:11:38	636.50	139
16:11:38	636.50	2
16:11:49	636.50	3,939
16:11:50	636.50	1,660

16:11:50	636.50	1,898
16:11:52	636.50	744
16:11:52	636.50	848
16:12:00	636.40	1,321
16:12:02	636.30	1,272
16:12:26	636.30	62
16:12:27	636.30	502
16:12:27	636.30	952
16:12:46	636.20	1,608
16:12:49	636.20	1,551
16:13:12	636.10	1,446
16:13:23	636.10	1,500
16:13:23	636.10	34
16:13:23	636.10	502
16:13:23	636.10	1,257
16:13:28	635.90	1,045
16:13:46	636.10	1,207
16:14:01	636.00	2,953
16:14:14	635.90	1,188
16:14:27	636.10	4,274
16:14:27	636.10	2,000
16:14:27	636.10	35
16:14:32	636.00	1,204
16:14:39	636.10	2,955
16:14:43	636.10	296
16:14:43	636.10	879
16:15:25	636.40	1,145
16:15:26	636.40	1,621
16:16:32	636.30	393
16:16:32	636.30	1,251
16:16:33	636.30	1,762
16:16:33	636.30	902
16:16:45	636.60	1,477
16:16:45	636.60	598
16:16:50	636.70	1,210
16:16:52	636.70	2,390
16:16:55	636.70	791
16:16:55	636.70	593
16:16:56	636.60	1,994
16:17:33	636.50	1,595
16:17:33	636.50	1,051
16:17:36	636.50	4,398
16:17:57	636.50	3,641
16:17:58	636.50	352
16:17:58	636.50	1,288
16:18:07	636.40	1,761
16:18:33	636.40	1,264
16:18:33	636.40	1,406
16:19:23	636.40	2,472
16:19:36	636.30	3,000

16:19:36	636.30	1,594
16:19:36	636.30	805
16:19:48	636.30	1,363
16:19:49	636.40	817
16:19:52	636.40	630
16:19:54	636.40	120
16:19:56	636.40	23
16:19:58	636.50	2,000
16:19:58	636.50	357
16:19:58	636.50	840

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

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