

# HSBC HOLDINGS PLC

28 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:	28 November 2016
Number of ordinary shares of US\$0.50 each purchased:	3,170,152
Highest price paid per share:	£6.3710
Lowest price paid per share:	£6.2980
Volume weighted average price paid per share:	£6.3277

Following the purchase of these shares, the Company holds 266,031,941 of its ordinary shares in treasury and has 19,801,888,445 ordinary shares in issue (excluding treasury shares). Therefore the total voting rights in HSBC Holdings plc is 19,801,888,445. This figure for the total number of voting rights may be used by shareholders as the denominator for the calculations by which they will determine if they are required to notify their interest in, or a change to their interest in, HSBC Holdings plc under the FCA's Disclosure Guidance and Transparency Rules.

In accordance with Article 5(1)(b) of Regulation (EU) No 596/2014 (the Market Abuse Regulation), a schedule of individual trades by Goldman Sachs is set out below.

### Schedule of purchases – individual transactions

<i>Time</i>	<i>Price (p)</i>	<i>Quantity</i>
08:01:10	637.10	38
08:01:10	637.10	1,906
08:01:16	636.30	1,515
08:02:45	636.80	553
08:03:06	636.80	1,566
08:03:31	636.30	3,546
08:03:31	636.30	2,090
08:03:31	636.30	1,224
08:04:49	636.20	3,313
08:05:11	636.20	1,410
08:05:24	636.10	1,509
08:05:52	635.50	1,953
08:05:52	635.50	2,119
08:05:53	635.50	2,279
08:05:58	635.30	2,040
08:05:58	635.30	495
08:05:58	635.30	1,271
08:06:08	635.20	1,514
08:06:08	635.20	635
08:06:08	635.20	2,697
08:06:09	635.50	4,700
08:06:09	635.50	1,840
08:06:09	635.50	13,441

08:06:17	635.50	5,541
08:06:22	635.50	4,551
08:06:22	635.50	3,113
08:06:40	635.50	2,998
08:06:54	635.50	2,590
08:07:16	635.50	2,278
08:07:27	635.50	3,148
08:07:45	635.60	3,133
08:07:47	635.60	3,500
08:07:47	635.60	479
08:07:58	635.50	3,313
08:08:08	635.50	1,448
08:08:12	635.40	1,353
08:08:12	635.40	11
08:08:15	635.60	1,425
08:08:24	635.70	4,962
08:08:42	635.50	4,714
08:08:47	635.50	3,643
08:08:48	635.50	3,411
08:08:51	635.50	1,765
08:09:06	635.50	1,424
08:09:16	635.50	1,320
08:09:22	635.60	923
08:09:29	635.70	923
08:09:37	636.00	923
08:09:50	636.10	608
08:09:50	636.10	802
08:09:55	636.10	209
08:09:55	636.10	580
08:09:55	636.10	969
08:09:59	636.10	1,175
08:10:00	636.00	2,455
08:10:06	635.80	3,135
08:10:06	635.80	1,015
08:10:06	635.80	194
08:10:11	635.40	630
08:10:11	635.40	868
08:10:23	635.10	3,370
08:10:24	635.10	783
08:10:24	635.10	586
08:10:27	634.80	1,599
08:10:27	634.80	630
08:10:27	634.90	2,000
08:10:27	634.90	467
08:10:33	634.80	630
08:10:33	634.80	941
08:10:37	634.30	630
08:10:37	634.30	462
08:10:37	634.30	114
08:10:44	633.90	630

08:10:44	633.90	1,087
08:10:48	633.70	59
08:10:48	633.70	3,519
08:10:57	633.30	2,000
08:10:57	633.30	1,993
08:11:00	632.60	1,206
08:11:53	634.20	4,161
08:11:53	634.20	825
08:11:53	634.20	335
08:11:53	634.10	874
08:11:53	634.10	2,000
08:11:53	634.20	1,287
08:12:16	634.10	750
08:12:16	634.10	886
08:12:22	633.80	2,000
08:12:22	633.80	2,000
08:12:22	633.80	12
08:12:28	633.80	4,069
08:12:28	633.80	974
08:12:28	633.80	2,403
08:12:33	633.60	692
08:12:33	633.60	474
08:12:43	633.20	84
08:12:46	633.20	1,326
08:12:46	633.10	1,284
08:13:00	633.40	1,927
08:13:46	632.80	289
08:13:46	632.80	2,000
08:13:51	632.80	1,460
08:13:57	633.10	289
08:13:58	633.10	289
08:13:58	633.10	289
08:13:59	633.10	289
08:13:59	633.10	2,000
08:13:59	633.10	2,852
08:13:59	633.10	599
08:14:01	633.10	2,000
08:14:01	633.10	2,000
08:14:25	633.30	2,000
08:14:30	633.40	1,532
08:14:43	633.50	4,532
08:15:16	633.50	4,191
08:15:16	633.50	2,000
08:15:16	633.50	407
08:15:16	633.50	2,214
08:15:20	633.60	2,773
08:15:20	633.60	315
08:15:20	633.60	86
08:15:20	633.60	2,000
08:15:20	633.60	633

08:15:34	633.60	3,547
08:15:36	633.70	2,840
08:15:36	633.70	339
08:15:45	633.40	400
08:15:45	633.40	93
08:15:45	633.40	2,022
08:15:58	633.40	2,212
08:15:58	633.40	705
08:16:09	633.50	3,213
08:16:13	633.40	2,009
08:16:28	632.90	1,616
08:16:37	632.90	2,557
08:16:37	632.90	32
08:16:37	632.90	1,943
08:16:44	632.90	615
08:16:44	632.90	823
08:17:19	632.90	4,680
08:17:19	633.00	1,169
08:17:31	633.00	360
08:17:31	633.00	2,000
08:17:32	633.00	2,000
08:17:32	633.00	360
08:17:40	633.00	1,171
08:17:43	632.90	3,780
08:17:44	632.90	500
08:17:44	632.90	360
08:18:14	633.00	2,017
08:18:14	633.00	800
08:18:14	633.00	332
08:18:14	633.00	1,322
08:18:14	633.00	2,000
08:18:25	633.10	1,200
08:18:25	633.10	11
08:18:28	633.00	3,525
08:18:28	632.90	2,000
08:18:28	632.90	1,038
08:18:45	632.80	3,623
08:18:53	632.70	1,167
08:19:04	632.80	380
08:19:04	632.80	1,612
08:19:05	632.80	380
08:19:05	632.80	2,000
08:19:05	632.80	643
08:19:16	632.70	2,184
08:19:16	632.60	1,702
08:19:24	632.30	74
08:19:24	632.30	287
08:19:24	632.30	941
08:19:24	632.30	199
08:20:15	632.70	2

08:20:15	632.70	2,000
08:20:19	632.70	300
08:20:19	632.70	5,143
08:20:36	632.60	5,248
08:20:36	632.50	2,000
08:20:36	632.50	1,200
08:20:36	632.60	1,940
08:20:40	632.50	2,458
08:20:52	632.80	1,200
08:20:52	632.80	446
08:20:52	632.80	1,922
08:21:07	632.70	1,213
08:21:10	632.60	1,643
08:21:24	632.90	1,100
08:21:24	632.90	452
08:21:27	632.90	1,426
08:21:40	633.10	808
08:21:40	633.10	682
08:21:40	633.00	4,184
08:21:42	633.00	781
08:21:42	633.00	954
08:22:10	633.30	469
08:22:10	633.30	1,021
08:22:10	633.30	611
08:22:21	633.30	4,630
08:22:21	633.20	1,400
08:22:21	633.20	1,391
08:22:24	633.10	1,688
08:22:51	633.20	3,957
08:22:51	633.10	253
08:22:51	633.10	1,928
08:23:09	633.20	495
08:23:19	633.40	370
08:23:33	633.40	931
08:23:33	633.40	671
08:23:35	633.40	1,994
08:23:59	633.50	2,867
08:24:30	633.70	1,197
08:24:30	633.60	1,192
08:24:59	633.70	2,003
08:25:05	633.70	1,296
08:25:29	633.30	1,433
08:25:38	633.00	1,231
08:25:42	633.00	1,286
08:25:49	633.00	1,580
08:25:49	633.00	1,313
08:26:00	632.60	1,519
08:26:00	632.60	1,304
08:26:01	632.50	600
08:26:11	631.90	400

08:26:11	631.90	3,583
08:26:11	631.90	1,225
08:26:14	631.80	2,496
08:26:14	631.80	900
08:26:15	631.80	600
08:26:29	631.90	3,896
08:26:45	631.90	2,576
08:26:48	631.60	1,219
08:26:54	631.40	2,180
08:26:56	631.10	1,801
08:27:05	630.80	1,142
08:27:05	630.80	1,361
08:27:14	630.80	1,824
08:27:16	630.70	2,000
08:27:16	630.70	253
08:27:16	630.80	127
08:27:16	630.70	1,150
08:27:27	630.90	3,876
08:27:39	630.50	1,230
08:27:47	630.50	1,657
08:27:59	630.60	1,137
08:27:59	630.60	800
08:27:59	630.60	1,526
08:27:59	630.60	2,000
08:27:59	630.60	218
08:28:16	629.90	2,000
08:28:16	629.90	900
08:28:53	630.40	5,356
08:28:55	630.40	2,000
08:29:12	630.60	253
08:29:12	630.60	2,000
08:29:12	630.60	2,370
08:29:32	630.90	900
08:29:32	630.90	1,493
08:30:05	631.10	2,000
08:30:05	631.10	1,194
08:30:05	631.10	958
08:30:10	631.20	2,000
08:30:10	631.20	909
08:30:11	631.20	2,000
08:30:45	631.40	2,000
08:30:45	631.40	1,381
08:30:45	631.40	900
08:30:46	631.40	918
08:30:46	631.30	431
08:30:46	631.40	2,000
08:30:46	631.40	1,518
08:30:46	631.40	797
08:30:56	631.40	4,333
08:30:58	631.30	1,270

08:30:58	631.40	2,000
08:31:24	631.50	2,557
08:31:47	631.30	1,717
08:32:01	631.30	3,292
08:32:09	631.00	1,359
08:32:09	631.00	348
08:32:09	631.00	1,786
08:32:49	630.70	507
08:32:54	630.60	2,000
08:32:54	630.60	928
08:32:54	630.70	372
08:33:12	630.70	1,259
08:33:33	630.80	37
08:33:33	630.80	1,200
08:33:33	630.80	834
08:33:33	630.80	2,150
08:33:33	630.70	547
08:33:33	630.70	734
08:33:33	630.70	2,000
08:33:33	630.70	1,457
08:33:44	630.80	1,568
08:34:12	630.10	1,194
08:34:25	629.80	1,160
08:34:38	629.90	1,905
08:35:04	630.00	2,870
08:36:09	630.40	1,223
08:36:10	630.40	1,185
08:36:23	630.40	2,343
08:36:42	630.40	1,196
08:37:14	630.40	1,417
08:37:39	630.50	1,310
08:38:27	630.90	2,000
08:38:27	630.90	450
08:38:41	630.70	1,144
08:39:56	631.30	865
08:39:56	631.30	1,485
08:39:58	631.30	2,242
08:40:10	631.40	4,715
08:40:10	631.40	5,111
08:40:11	631.40	1,077
08:40:26	631.70	2,842
08:40:26	631.70	1,197
08:40:27	631.60	1,440
08:40:27	631.60	2,037
08:40:27	631.60	227
08:41:23	632.00	3,019
08:41:23	632.00	954
08:41:23	632.00	677
08:41:23	632.00	37
08:41:24	632.00	1,267

08:41:26	631.90	2,916
08:41:26	631.90	1,059
08:41:26	631.90	1,849
08:41:51	632.10	2,689
08:42:05	632.30	1,312
08:42:05	632.30	577
08:42:23	632.20	720
08:42:23	632.20	2,483
08:42:29	632.10	1,154
08:42:30	632.10	846
08:42:30	632.10	675
08:42:30	632.10	773
08:42:46	632.10	2,000
08:42:46	632.10	1,574
08:42:46	632.20	21
08:43:01	632.20	4,228
08:43:01	632.10	2,000
08:43:01	632.10	1,043
08:43:22	632.10	2,605
08:43:22	632.10	1,376
08:43:31	632.10	485
08:43:31	632.20	1,285
08:43:31	632.20	2,000
08:43:31	632.20	521
08:43:31	632.20	164
08:43:31	632.20	642
08:43:31	632.20	389
08:43:41	632.10	2,286
08:43:41	632.10	1,100
08:43:41	632.10	1,654
08:43:48	632.00	1,252
08:44:05	632.20	5,408
08:44:05	632.20	1,400
08:44:05	632.20	1,760
08:44:05	632.20	2,314
08:44:07	632.20	861
08:44:09	632.20	2,771
08:44:29	632.50	1,100
08:44:29	632.50	2,000
08:44:29	632.50	1,052
08:44:37	632.40	3,676
08:44:40	632.40	1,988
08:44:40	632.40	2,000
08:44:40	632.40	327
08:44:43	632.10	3,300
08:44:49	632.20	1,773
08:45:02	632.10	3,474
08:45:02	632.10	1,946
08:45:02	632.10	909
08:45:02	632.10	1,255



08:45:03	632.10	1,661
08:45:09	632.10	986
08:45:09	632.10	2,641
08:45:09	632.10	1,792
08:45:13	632.00	1,002
08:45:13	632.00	1,298
08:45:13	632.00	1,249
08:45:14	632.00	2,949
08:45:15	632.00	278
08:45:15	632.00	1,157
08:45:17	632.00	2,466
08:45:17	632.00	1,290
08:45:17	632.00	1,200
08:45:17	632.00	1,091
08:45:19	631.90	1,104
08:45:21	631.80	823
08:45:21	631.80	1,575
08:45:25	631.60	1,115
08:45:32	631.40	3,203
08:45:32	631.40	512
08:45:32	631.40	790
08:45:39	631.40	797
08:45:39	631.40	849
08:46:12	631.30	153
08:46:12	631.30	1,129
08:46:12	631.30	3,640
08:46:12	631.30	2,000
08:46:12	631.30	3,107
08:46:12	631.30	547
08:46:13	631.30	2,000
08:46:13	631.30	2,028
08:46:13	631.30	3,087
08:46:15	631.40	1,300
08:46:15	631.40	2,679
08:46:21	631.60	1,542
08:46:55	631.80	4,727
08:46:57	631.80	1,625
08:47:03	631.80	375
08:47:03	631.80	1,200
08:47:19	632.00	1,100
08:47:19	632.00	1,543
08:47:29	632.10	3,168
08:47:29	632.10	1,444
08:47:42	632.10	1,993
08:47:47	632.10	1,245
08:47:53	632.10	755
08:47:53	632.10	476
08:47:54	632.00	55
08:47:56	632.00	1,810
08:47:56	632.00	2,000

08:47:56	632.00	268
08:48:24	632.00	1,287
08:48:30	632.00	1,231
08:48:35	632.00	1,269
08:48:35	632.00	2,000
08:48:35	632.00	196
08:48:38	631.80	3,240
08:48:38	631.70	2,000
08:48:38	631.70	1,117
08:48:38	631.80	459
08:49:34	632.10	2,000
08:49:34	632.10	798
08:49:52	632.10	916
08:50:05	632.20	1,028
08:50:05	632.20	1,295
08:50:25	632.90	4,047
08:50:25	632.90	1,089
08:50:26	632.80	4,047
08:50:26	632.90	2,000
08:50:26	632.90	1,626
08:50:26	632.90	2,120
08:50:26	632.90	202
08:50:27	632.80	608
08:50:27	632.80	559
08:50:27	632.60	1,960
08:50:39	632.40	2,576
08:50:59	632.10	2,014
08:51:00	632.10	741
08:51:06	632.00	2,611
08:51:29	632.40	1,200
08:51:29	632.40	334
08:51:30	632.30	2,619
08:51:33	632.20	1,502
08:52:00	632.00	1,456
08:52:18	632.00	1,282
08:52:48	632.20	4,727
08:52:49	632.20	1,000
08:52:49	632.20	328
08:53:00	632.10	2,458
08:53:48	632.20	2,472
08:53:48	632.10	1,942
08:54:47	631.80	900
08:54:47	631.80	500
08:54:47	631.80	700
08:54:47	631.80	600
08:54:48	631.80	600
08:54:49	631.80	493
08:54:49	631.80	558
08:55:26	632.20	2,000
08:55:28	632.10	4,613

08:55:28	632.10	3,329
08:55:28	632.10	1,231
08:55:28	632.10	1,557
08:56:04	632.30	3,435
08:56:25	632.10	1,444
08:56:58	632.60	1,949
08:57:03	632.40	1,182
08:57:27	632.80	1,066
08:57:27	632.80	1,129
08:57:27	632.80	1,836
08:57:27	632.80	628
08:57:49	632.70	2,171
08:57:49	632.70	2,714
08:57:50	632.60	1,608
08:57:53	632.20	485
08:57:53	632.20	727
08:57:56	632.40	1,269
08:58:03	632.50	1,762
08:58:03	632.40	1,627
08:58:29	632.20	1,186
08:59:52	632.00	227
08:59:52	632.00	691
08:59:52	632.00	227
09:00:02	631.90	1,822
09:00:02	631.90	165
09:00:47	631.90	1,215
09:00:47	631.80	1,313
09:01:16	631.60	1,340
09:01:40	632.00	1,351
09:01:40	632.00	254
09:01:40	632.00	1,158
09:02:01	632.40	1,447
09:02:27	632.60	900
09:02:27	632.60	2,000
09:02:27	632.60	2,000
09:02:30	632.50	4,184
09:03:17	633.10	325
09:03:17	633.10	835
09:03:28	632.90	1,618
09:03:28	633.00	2,000
09:03:28	633.00	608
09:03:35	632.90	900
09:03:35	632.90	191
09:03:35	632.90	700
09:03:36	632.90	2,030
09:03:36	632.80	971
09:03:36	632.90	954
09:04:41	633.40	3,030
09:04:48	633.10	409
09:05:03	633.30	1,507

09:05:03	633.30	155
09:05:03	633.30	1,507
09:05:06	633.20	1,445
09:05:10	633.00	2,400
09:05:10	633.00	31
09:06:01	632.70	1,346
09:06:25	633.00	1,398
09:06:25	633.00	205
09:06:27	632.90	2,036
09:06:27	632.90	724
09:06:30	633.00	2,141
09:06:30	633.00	62
09:06:44	633.00	2,706
09:06:50	633.10	1,400
09:06:59	633.10	1,156
09:06:59	633.10	1,422
09:07:03	633.00	1,863
09:07:03	633.00	49
09:07:11	633.00	125
09:07:11	633.00	74
09:07:11	633.00	1,811
09:07:11	633.00	1,216
09:07:19	632.90	1,236
09:07:50	633.10	3,126
09:07:57	632.80	1,355
09:07:57	632.80	1,746
09:08:00	632.70	1,246
09:08:32	632.20	1,832
09:08:35	632.20	238
09:08:36	632.20	1,265
09:08:45	632.30	19
09:08:45	632.30	1,178
09:08:56	632.20	1,226
09:08:57	632.20	814
09:09:00	632.20	3,000
09:09:00	632.20	6
09:09:00	632.20	2,069
09:09:00	632.10	1,483
09:09:27	632.30	1,415
09:09:35	632.20	4,364
09:09:36	632.20	1,416
09:09:59	632.10	1,779
09:10:23	632.20	1,788
09:10:23	632.20	2,151
09:10:26	632.20	126
09:10:26	632.20	800
09:10:26	632.20	516
09:10:54	631.80	500
09:10:54	631.80	118
09:11:28	631.80	3,134

09:11:28	631.80	1,318
09:11:39	631.80	1,632
09:11:39	631.80	1,972
09:12:14	631.90	2,820
09:12:14	631.80	1,268
09:13:03	631.80	1,267
09:13:11	631.80	1,718
09:13:11	631.80	107
09:13:50	631.60	912
09:15:00	631.40	432
09:15:00	631.40	842
09:15:00	631.40	507
09:15:00	631.40	507
09:15:00	631.40	2,000
09:15:03	631.40	945
09:15:03	631.40	4,365
09:15:03	631.40	2,000
09:15:03	631.40	928
09:15:03	631.40	201
09:15:04	631.30	2,969
09:15:06	631.30	2,312
09:15:06	631.30	2,424
09:15:06	631.30	1,300
09:15:06	631.30	1,513
09:15:14	631.10	131
09:15:19	631.10	1,358
09:16:17	631.10	1,723
09:16:20	630.90	1,681
09:16:58	631.00	507
09:16:58	631.00	1,347
09:17:34	630.90	3,134
09:19:16	631.40	1,263
09:19:22	631.50	2,000
09:19:22	631.50	1,161
09:19:28	631.60	1,531
09:19:38	631.30	1,609
09:19:38	631.30	2,915
09:19:38	631.30	1,391
09:19:53	631.20	98
09:19:57	631.20	465
09:19:57	631.20	976
09:20:15	630.90	898
09:20:41	631.30	1,805
09:20:41	631.30	2,000
09:20:41	631.30	1,807
09:20:41	631.30	668
09:21:26	631.40	1,159
09:22:39	631.60	2,000
09:22:39	631.60	465
09:23:29	631.60	2,574

09:23:34	631.60	1,000
09:23:34	631.60	91
09:23:34	631.60	251
09:23:52	631.70	1,565
09:24:33	631.40	1,264
09:25:14	631.60	1,974
09:25:14	631.60	265
09:25:14	631.60	2,000
09:25:14	631.60	181
09:25:16	631.60	989
09:25:16	631.60	472
09:26:29	631.50	1,298
09:27:50	631.70	2,100
09:28:00	631.70	112
09:28:00	631.70	2,275
09:28:49	631.60	1,456
09:29:33	631.50	176
09:29:33	631.50	1,905
09:29:33	631.50	1,867
09:30:13	631.80	772
09:30:13	631.80	2,147
09:30:14	631.70	1,153
09:30:39	631.90	1,559
09:30:46	631.90	1,728
09:30:46	631.90	97
09:32:22	631.80	1,900
09:32:22	631.80	556
09:33:01	631.90	1,391
09:33:26	632.10	4,164
09:34:07	632.30	3,716
09:34:18	632.10	1,153
09:36:03	632.40	50
09:36:03	632.40	50
09:36:03	632.40	50
09:36:36	632.90	1,200
09:36:36	632.90	37
09:36:37	632.80	1,200
09:36:37	632.80	797
09:36:57	632.90	1,520
09:36:57	632.90	1,452
09:37:29	633.10	991
09:37:29	633.10	50
09:37:29	633.10	50
09:37:29	633.10	50
09:37:29	633.10	219
09:37:37	633.00	612
09:37:37	633.00	2,126
09:37:37	633.00	2,000
09:37:47	632.90	1,200
09:37:47	632.90	1,472

09:38:36	632.90	1,212
09:41:24	632.80	706
09:41:24	632.80	938
09:41:27	632.80	1,438
09:42:34	632.40	874
09:43:54	632.50	1,661
09:43:54	632.50	1,156
09:44:49	632.40	1,473
09:45:25	632.40	742
09:45:25	632.40	1,796
09:45:53	632.30	919
09:47:33	632.40	982
09:47:33	632.40	308
09:49:15	632.30	1,201
09:49:15	632.30	299
09:49:15	632.30	811
09:49:15	632.30	1,201
09:51:41	632.40	1,234
09:51:41	632.40	1,196
09:53:30	632.50	549
09:53:30	632.50	1,958
09:53:35	632.50	1,269
09:53:38	632.50	1,758
09:54:33	632.30	1,549
09:54:48	632.30	913
09:56:53	632.70	2,204
09:56:54	632.70	2,000
09:56:54	632.70	151
09:58:55	633.80	1,756
10:00:04	634.60	1,926
10:00:13	634.60	50
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10:00:13	634.60	50
10:00:13	634.60	1,309
10:00:15	634.50	3,220
10:00:18	634.50	192
10:00:18	634.50	1,327
10:00:23	634.50	912
10:01:08	635.00	50
10:01:08	635.00	254
10:01:08	635.00	50
10:01:08	635.00	50
10:01:16	635.00	254
10:01:16	635.00	2,000
10:01:23	635.00	1,679
10:01:30	634.80	4,404
10:01:35	634.60	2,383
10:01:55	634.90	2,000
10:01:55	634.90	331
10:01:59	634.90	1,290

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10:02:07	634.80	50
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10:02:07	634.80	2,009
10:02:13	634.70	719
10:02:14	634.70	520
10:02:19	634.70	1,010
10:02:27	634.70	199
10:02:36	634.80	1,312
10:02:42	634.80	50
10:02:42	634.80	1,934
10:03:26	635.10	4,499
10:03:26	635.00	1,961
10:03:55	635.00	2,735
10:04:32	634.90	2,338
10:05:13	635.20	1,356
10:05:31	635.30	2,117
10:05:34	635.10	1,743
10:05:36	635.00	410
10:05:36	635.00	910
10:05:37	635.00	1,358
10:05:40	634.40	437
10:05:40	634.50	2,000
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10:05:40	634.50	1,000
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10:05:47	634.70	1,260
10:05:47	634.70	120
10:05:47	634.70	1,075
10:05:47	634.70	410
10:05:49	634.70	2,000
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10:05:49	634.70	50
10:05:49	634.70	50



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10:05:50	634.70	410
10:05:50	634.70	557
10:05:50	634.70	1,685
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10:05:50	634.70	410
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10:06:04	635.00	2,000
10:06:04	635.00	867
10:06:04	635.00	2,187
10:06:04	635.00	199
10:06:04	635.00	1,556
10:06:05	635.00	2,000
10:06:05	635.00	372
10:06:05	635.00	1,530
10:06:10	634.90	1,900
10:06:10	634.90	975
10:06:11	634.90	911
10:06:11	634.90	933
10:06:11	634.90	360
10:06:11	634.90	2,000
10:06:11	634.90	1,426
10:06:13	634.90	360
10:06:13	634.90	2,000
10:06:13	634.90	1,268
10:06:13	634.90	50
10:06:13	634.90	50
10:06:13	634.90	50
10:06:14	634.90	360
10:06:14	634.90	1,296
10:06:14	634.90	2,000
10:06:14	634.90	1,528

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10:06:14	634.90	50
10:06:14	634.90	50
10:06:15	634.80	460
10:06:15	634.80	360
10:06:17	634.70	929
10:06:20	634.70	2,710
10:06:29	634.60	360
10:06:29	634.60	1,950
10:06:31	634.40	1,472
10:06:32	634.40	912
10:06:32	634.40	2,341
10:06:32	634.40	1,149
10:06:32	634.40	360
10:07:15	635.00	1,230
10:07:15	634.90	392
10:07:15	634.90	1,400
10:07:15	634.90	1,230
10:07:16	634.90	392
10:07:47	634.70	392
10:07:47	634.70	928
10:07:47	634.70	823
10:08:31	634.60	1,239
10:08:31	634.60	855
10:08:31	634.60	96
10:09:07	634.90	1,336
10:09:10	634.80	227
10:09:30	634.90	4,424
10:09:44	634.80	400
10:10:05	634.90	4,001
10:10:29	634.80	1,234
10:11:57	635.00	900
10:11:57	635.00	1,400
10:11:57	635.00	1,714
10:12:01	634.90	2,574
10:12:02	634.90	1,535
10:12:09	634.70	1,534
10:13:09	635.10	100
10:13:10	635.10	1,750
10:13:10	635.10	25
10:13:10	635.10	1,221
10:15:02	634.70	1,275
10:15:20	634.60	1,300
10:15:47	634.30	583
10:17:25	634.60	994
10:17:25	634.60	241
10:17:25	634.60	1,446
10:17:37	634.60	1,583
10:17:37	634.60	2,908
10:17:55	634.60	1,494

10:17:55	634.60	202
10:18:26	634.60	1,930
10:21:13	634.50	678
10:21:13	634.50	2,000
10:21:13	634.50	928
10:21:13	634.50	557
10:23:16	634.80	14
10:23:24	634.90	1,694
10:23:24	634.90	613
10:23:29	634.90	577
10:23:29	634.90	1,579
10:23:50	634.90	1,011
10:23:50	634.90	185
10:23:50	634.90	565
10:23:50	634.90	923
10:25:34	634.80	306
10:25:34	634.80	201
10:27:34	635.50	765
10:27:34	635.50	50
10:27:34	635.50	50
10:27:34	635.50	1,348
10:27:34	635.50	2,150
10:27:45	635.40	3,428
10:27:48	635.30	2,938
10:27:53	635.20	1,075
10:27:53	635.20	69
10:28:08	635.30	1,517
10:30:23	635.00	1,463
10:30:36	635.10	1,323
10:30:42	635.10	4,486
10:31:07	634.90	2,878
10:31:44	634.90	257
10:31:44	634.90	824
10:31:44	634.90	812
10:31:44	634.80	1,487
10:33:00	634.60	1,189
10:34:30	634.60	1,274
10:35:02	634.10	1,363
10:37:03	634.40	1,599
10:37:03	634.40	2,000
10:37:03	634.40	706
10:37:37	634.40	2,207
10:38:00	634.20	685
10:38:32	633.90	1,256
10:38:40	633.90	1,338
10:39:11	633.80	1,312
10:40:23	634.00	1,670
10:40:23	634.00	383
10:41:46	633.70	1,300
10:42:05	633.60	1,485

10:42:10	633.50	1,326
10:42:22	633.50	1,503
10:42:39	633.20	1,234
10:42:59	633.40	3,599
10:42:59	633.40	1,268
10:44:13	633.40	1,533
10:44:36	633.40	1,145
10:44:36	633.40	1,226
10:45:16	633.10	1,421
10:45:24	633.20	2,613
10:45:24	633.20	1,203
10:46:01	633.20	3,702
10:46:02	633.20	2,000
10:46:02	633.20	880
10:46:10	633.10	1,186
10:46:24	633.10	2,293
10:46:39	633.00	1,191
10:47:38	633.10	2,028
10:48:25	633.20	2,774
10:48:26	633.20	1,406
10:48:49	633.20	1,666
10:48:59	633.20	1,487
10:49:26	633.20	2,010
10:49:44	633.10	2,423
10:50:39	633.30	1,612
10:50:44	633.20	3,055
10:51:59	633.20	708
10:52:00	633.20	897
10:53:31	633.20	1,581
10:53:53	633.20	1,162
10:54:15	633.00	1,429
10:54:15	633.00	1,244
10:54:20	633.00	1,161
10:54:20	633.00	210
10:54:49	632.90	1,118
10:54:49	632.90	1,888
10:54:50	632.90	1,514
10:54:55	632.80	2,200
10:54:55	632.80	195
10:55:25	632.60	1,002
10:55:25	632.60	204
10:55:25	632.60	437
10:55:37	632.40	621
10:55:37	632.40	1,529
10:55:58	632.30	1,140
10:56:36	632.30	1,609
10:56:36	632.30	1,439
10:56:36	632.30	399
10:56:36	632.30	782
10:56:39	632.10	889

10:56:39	632.10	431
10:56:57	632.10	1,296
10:57:03	632.00	1,317
10:57:13	632.00	824
10:57:13	632.00	818
10:57:14	631.90	1,634
10:59:07	632.20	1,299
10:59:07	632.20	1,741
11:00:02	631.90	1,066
11:00:02	631.90	245
11:00:03	631.90	2,859
11:00:03	631.90	310
11:01:00	632.10	1,350
11:01:05	632.10	770
11:01:05	632.10	1,746
11:01:06	632.10	497
11:01:06	632.10	1,187
11:01:19	631.90	1,348
11:01:52	631.70	2,220
11:02:21	631.50	2,670
11:03:21	631.50	1,537
11:03:22	631.50	1,196
11:03:50	631.80	143
11:03:50	631.80	50
11:03:50	631.80	50
11:03:50	631.80	1,290
11:03:50	631.80	38
11:04:43	632.40	596
11:04:43	632.40	50
11:04:43	632.40	50
11:04:44	632.50	2,000
11:04:44	632.50	50
11:04:44	632.50	50
11:04:46	632.50	1,190
11:04:46	632.50	27
11:04:49	632.50	1,200
11:04:49	632.50	21
11:04:50	632.60	1,300
11:04:51	632.50	547
11:04:51	632.50	669
11:04:57	632.40	1,024
11:04:57	632.40	115
11:04:58	632.30	1,400
11:04:58	632.30	1,520
11:05:07	632.00	2,729
11:05:20	632.20	2,977
11:05:20	632.20	922
11:05:20	632.10	1,200
11:05:20	632.10	579
11:06:05	632.10	2,643

11:06:12	631.90	1,100
11:06:12	631.90	1,082
11:06:19	631.60	1,172
11:07:10	631.60	2,266
11:07:20	631.60	513
11:07:20	631.60	1,429
11:07:36	631.50	378
11:07:38	631.50	696
11:07:45	631.50	2,977
11:07:46	631.50	1,224
11:07:54	631.40	1,146
11:08:29	631.50	473
11:08:29	631.50	761
11:08:29	631.50	515
11:09:18	631.60	87
11:09:22	631.60	920
11:09:37	631.60	388
11:09:37	631.60	878
11:09:37	631.60	494
11:09:54	631.60	2,612
11:10:06	631.50	1,404
11:10:25	631.50	1,533
11:10:28	631.30	1,784
11:10:41	631.40	1,870
11:10:41	631.40	1,233
11:11:20	631.40	3,125
11:11:20	631.40	1,233
11:11:28	631.40	3,281
11:11:33	631.20	1,181
11:11:40	631.20	2,469
11:13:25	631.00	405
11:13:25	631.00	1,372
11:13:26	630.90	1,388
11:14:26	630.60	2,554
11:15:15	630.80	416
11:15:15	630.80	1,411
11:15:16	630.70	1,467
11:15:50	630.50	1,199
11:15:50	630.50	131
11:15:50	630.50	117
11:15:50	630.50	830
11:15:50	630.50	252
11:15:50	630.50	1,447
11:17:45	630.80	1,334
11:18:34	631.20	1,156
11:18:34	631.20	1,000
11:18:34	631.20	940
11:18:55	631.40	1,423
11:18:55	631.40	485
11:19:29	631.30	279

11:19:29	631.30	2,518
11:19:29	631.30	2,000
11:19:29	631.30	818
11:19:56	631.10	1,326
11:20:55	631.10	1,105
11:20:55	631.10	121
11:20:57	631.00	1,100
11:20:57	631.00	177
11:22:06	630.80	182
11:22:06	630.80	2,654
11:22:30	630.80	1,221
11:22:35	630.60	475
11:24:10	631.20	4,353
11:24:10	631.20	1,248
11:24:21	631.20	393
11:24:25	631.20	1,852
11:24:39	631.20	1,225
11:24:48	631.00	1,721
11:25:12	631.10	1,763
11:25:18	631.00	547
11:25:25	631.00	188
11:25:26	631.00	753
11:26:37	630.90	1,177
11:27:44	630.60	1,344
11:27:44	630.60	200
11:27:52	630.60	1,287
11:28:35	630.60	730
11:28:35	630.60	1,433
11:29:13	630.60	1,744
11:30:03	630.80	1,195
11:30:04	630.80	1,525
11:30:20	630.90	1,329
11:30:24	630.70	466
11:30:26	630.70	1,665
11:30:48	630.70	1,511
11:31:59	630.70	1,182
11:32:54	631.20	1,371
11:33:41	631.20	1,865
11:33:41	631.20	285
11:34:02	631.70	2,980
11:34:02	631.70	2,076
11:34:03	631.70	3,565
11:34:03	631.70	221
11:34:03	631.70	1,654
11:34:03	631.70	346
11:34:03	631.70	914
11:34:04	631.60	2,634
11:34:04	631.60	931
11:34:04	631.60	598
11:34:07	631.50	2,549

11:34:10	631.50	55
11:34:12	631.50	303
11:34:31	631.70	320
11:34:31	631.70	2,659
11:34:52	631.70	2,926
11:34:58	631.70	1,277
11:35:39	631.70	1,286
11:37:30	631.70	4,210
11:37:50	631.70	543
11:37:50	631.70	1,752
11:38:01	631.70	249
11:38:01	631.70	1,327
11:38:01	631.70	138
11:38:36	631.70	1,378
11:38:36	631.70	1,169
11:38:58	631.70	1,426
11:39:35	631.70	1,434
11:41:36	631.90	1,350
11:42:38	632.60	2,338
11:42:38	632.60	675
11:43:36	632.60	1,143
11:43:56	632.50	1,415
11:43:56	632.40	256
11:43:56	632.50	1,112
11:43:56	632.50	1,553
11:43:56	632.50	386
11:44:18	632.50	2,562
11:44:18	632.50	964
11:44:20	632.40	1,368
11:44:26	632.30	101
11:44:26	632.30	2,056
11:45:08	632.00	911
11:45:16	631.90	2,095
11:46:57	632.00	1,663
11:47:12	631.90	1,470
11:47:36	631.80	350
11:47:36	631.80	1,327
11:48:04	631.60	1,269
11:48:37	631.80	4,290
11:48:57	631.80	2,353
11:50:53	631.80	3,875
11:50:53	631.80	1,516
11:50:53	631.80	343
11:51:29	631.70	1,579
11:51:53	631.80	521
11:51:53	631.80	268
11:51:59	631.90	1,363
11:52:41	631.70	988
11:52:41	631.70	1,292
11:53:38	631.50	157



11:53:50	631.50	223
11:53:50	631.50	1,256
11:53:50	631.50	735
11:54:18	631.50	120
11:54:18	631.50	1,274
11:55:22	631.70	3,225
11:56:18	631.70	1,109
11:56:18	631.70	2,912
11:59:55	632.90	2,273
11:59:55	632.90	3,211
11:59:57	632.80	471
11:59:57	632.80	2,000
11:59:57	632.80	228
11:59:59	632.70	4,161
12:02:12	632.70	1,846
12:02:55	631.80	256
12:02:55	631.80	699
12:02:58	631.70	1,604
12:03:08	631.60	1,268
12:03:09	631.50	44
12:03:09	631.50	256
12:03:09	631.60	1,464
12:03:22	631.80	4,000
12:03:22	631.80	1,552
12:03:22	631.80	216
12:03:26	631.80	4,330
12:03:26	631.90	2,265
12:03:26	631.90	993
12:03:31	631.80	2,059
12:04:00	631.80	3,298
12:04:00	631.80	8
12:04:08	631.80	1,881
12:04:25	631.80	100
12:04:27	631.80	1,579
12:04:50	631.60	692
12:04:50	631.60	606
12:04:50	631.60	1,318
12:05:00	631.60	671
12:05:00	631.60	2,116
12:05:10	631.60	2,567
12:05:17	631.60	1,281
12:05:50	631.40	2,384
12:05:50	631.40	2,000
12:05:50	631.40	2,289
12:06:36	631.70	1,500
12:06:36	631.70	3,676
12:06:36	631.70	425
12:06:37	631.70	2,300
12:06:37	631.70	2,582
12:06:37	631.70	1,812

12:06:37	631.70	960
12:07:27	631.90	2,128
12:07:27	631.90	120
12:07:43	632.00	1,455
12:07:43	632.00	845
12:07:43	632.00	2,000
12:07:43	632.00	220
12:07:56	632.00	1,860
12:08:35	631.70	2,359
12:10:15	632.00	3,392
12:10:15	632.00	1
12:10:15	632.00	2,000
12:10:15	632.00	228
12:10:39	631.90	1,190
12:11:52	632.00	1,192
12:13:20	631.80	1,099
12:14:09	631.90	42
12:14:09	631.90	1,125
12:14:53	631.70	2,686
12:15:05	631.80	2,211
12:15:22	632.00	2,576
12:15:25	632.00	3,785
12:15:26	632.00	1,415
12:15:54	632.00	1,384
12:16:06	631.80	1,263
12:16:25	631.70	2,710
12:17:03	631.70	1,624
12:17:26	631.50	430
12:17:26	631.50	860
12:17:26	631.50	431
12:18:01	631.60	2,271
12:18:05	631.50	1,228
12:18:05	631.50	1,230
12:18:05	631.50	387
12:18:30	631.50	2,453
12:18:30	631.50	444
12:18:30	631.50	866
12:18:30	631.50	320
12:18:30	631.50	1,379
12:19:39	631.50	2,453
12:19:52	631.50	466
12:19:53	631.50	447
12:19:53	631.50	456
12:19:53	631.50	1,195
12:20:15	631.50	1,352
12:20:16	631.50	1,368
12:20:16	631.50	37
12:21:28	631.70	4,511
12:21:36	631.70	396
12:21:36	631.70	2,209

12:21:46	631.50	2,318
12:22:00	631.60	2,000
12:22:00	631.60	165
12:22:10	631.60	995
12:22:10	631.60	2,197
12:23:29	631.70	547
12:23:29	631.70	1,898
12:24:26	631.90	308
12:24:26	631.90	2,555
12:24:36	631.80	2,098
12:24:36	631.80	2,000
12:24:36	631.80	415
12:24:55	631.80	1,363
12:25:27	631.90	2,086
12:26:01	631.90	1,481
12:26:10	631.90	1,267
12:28:18	632.30	3,664
12:28:39	632.10	1,566
12:28:39	632.10	104
12:29:20	631.90	1,897
12:29:20	631.90	1,300
12:29:49	632.10	3,649
12:29:49	632.00	1,300
12:29:49	632.00	1,420
12:31:05	632.20	2,000
12:31:05	632.20	430
12:31:27	632.20	2,903
12:31:35	632.20	1,365
12:32:00	632.10	2,483
12:32:06	632.10	1,418
12:34:09	632.20	812
12:34:09	632.20	774
12:34:27	632.20	2,241
12:34:56	632.20	400
12:35:35	632.40	1,423
12:35:35	632.40	1,643
12:35:35	632.40	1,560
12:35:35	632.40	651
12:35:35	632.40	1,600
12:35:43	632.50	53
12:36:10	632.50	626
12:36:10	632.50	3,588
12:36:10	632.50	1,314
12:36:44	632.70	1,397
12:36:53	632.60	4,237
12:36:53	632.50	1,284
12:37:36	632.50	2,000
12:39:10	633.00	2,055
12:39:10	633.00	1,000
12:39:10	633.00	878

12:39:25	632.80	2,924
12:39:25	632.70	1,256
12:42:02	634.60	390
12:42:02	634.60	2,000
12:42:02	634.60	458
12:42:03	634.60	420
12:42:33	634.70	1,414
12:42:34	634.70	390
12:42:34	634.70	1,140
12:42:34	634.70	820
12:42:54	634.90	390
12:42:54	634.90	270
12:42:54	634.90	521
12:43:17	634.80	539
12:43:17	634.80	3,282
12:43:17	634.80	1,111
12:43:17	634.80	606
12:44:37	635.10	546
12:44:37	635.10	2,464
12:44:37	635.10	1,171
12:44:37	635.10	29
12:44:37	635.10	89
12:44:39	634.90	273
12:44:39	634.90	2,000
12:44:39	634.90	1
12:44:39	634.90	48
12:47:19	635.20	1,311
12:47:19	635.20	599
12:47:19	635.20	10
12:48:06	635.50	1,784
12:48:06	635.50	1,572
12:48:23	635.40	1,129
12:48:23	635.40	153
12:49:06	635.80	1,971
12:49:09	635.70	1,404
12:49:45	635.70	436
12:49:45	635.70	223
12:49:45	635.70	800
12:49:45	635.70	100
12:49:47	635.70	725
12:49:47	635.70	1,172
12:49:47	635.70	387
12:50:15	635.30	1,756
12:50:52	635.50	483
12:50:52	635.50	1,331
12:50:54	635.40	3,980
12:51:18	635.30	1,249
12:51:47	635.30	1,966
12:51:47	635.30	1,249
12:52:19	635.10	390

12:52:19	635.10	1,492
12:53:48	635.00	2,027
12:54:39	635.40	1,238
12:54:40	635.40	1,689
12:54:49	635.40	1,140
12:55:39	635.50	759
12:55:39	635.50	1,046
12:55:39	635.50	2,000
12:55:39	635.50	835
12:55:39	635.50	354
12:55:52	635.40	1,372
12:55:52	635.40	261
12:56:40	635.10	1,337
12:56:40	635.10	46
12:57:23	635.20	229
12:57:23	635.20	336
12:57:23	635.20	1,157
12:59:31	635.40	841
12:59:31	635.40	1,129
12:59:42	635.40	812
12:59:42	635.40	461
13:00:02	635.40	1,328
13:01:25	635.70	1,596
13:01:25	635.70	9
13:01:40	635.50	70
13:01:40	635.50	1,075
13:02:30	635.50	380
13:02:30	635.50	970
13:03:21	635.40	361
13:03:21	635.40	359
13:03:21	635.40	439
13:04:23	635.40	2,824
13:04:33	635.20	382
13:04:33	635.20	1,387
13:05:07	635.00	2
13:05:07	635.00	1,321
13:07:01	634.60	1,677
13:08:30	634.40	377
13:08:30	634.40	2,434
13:10:22	634.20	448
13:10:22	634.20	967
13:10:22	634.20	706
13:10:22	634.20	700
13:11:36	634.40	1,402
13:12:39	634.10	1,313
13:14:46	634.90	2,068
13:14:46	634.80	255
13:14:46	634.80	905
13:15:15	634.90	770
13:15:17	634.90	1,069

13:15:17	634.90	146
13:15:59	634.70	2,229
13:17:00	634.20	1,279
13:17:25	634.30	811
13:17:25	634.30	778
13:19:18	634.30	2,183
13:21:09	634.50	4,050
13:22:20	634.50	2,000
13:22:20	634.50	434
13:22:20	634.50	300
13:22:20	634.50	1,151
13:22:20	634.50	410
13:22:56	634.60	3,215
13:23:29	634.30	700
13:23:29	634.30	442
13:23:56	634.30	1,365
13:24:18	634.60	3,346
13:25:25	634.60	74
13:25:25	634.60	1,360
13:26:17	634.60	1,162
13:26:17	634.60	2,355
13:28:06	634.50	563
13:28:06	634.50	792
13:29:12	634.60	1,244
13:30:58	634.40	1,900
13:30:58	634.40	1,100
13:30:58	634.40	13
13:32:53	634.50	2,610
13:33:58	634.70	1,359
13:33:58	634.70	865
13:34:37	634.80	1,239
13:34:57	634.70	1,152
13:34:57	634.70	674
13:35:50	634.70	1,132
13:35:50	634.70	10
13:37:27	634.70	1,367
13:38:53	634.60	2,300
13:38:54	634.60	1,548
13:39:16	634.60	1,812
13:39:16	634.60	56
13:39:20	634.50	1,533
13:39:29	634.40	238
13:39:29	634.40	1,084
13:39:30	634.40	658
13:39:30	634.40	1,004
13:40:22	634.40	93
13:40:22	634.40	1,158
13:42:10	634.40	1,400
13:43:01	634.50	1,300
13:43:01	634.50	1,290

13:43:16	634.50	2,163
13:43:16	634.50	512
13:43:16	634.50	1,747
13:43:16	634.50	512
13:43:16	634.50	100
13:43:16	634.50	1,649
13:43:24	634.50	1,000
13:43:24	634.50	431
13:43:53	634.40	1,146
13:43:53	634.40	1,158
13:46:43	634.50	1,203
13:46:43	634.50	1,305
13:46:52	634.30	1,431
13:47:24	634.30	3,225
13:47:24	634.30	1,269
13:47:24	634.30	1,567
13:47:24	634.30	928
13:47:36	634.30	1,481
13:48:26	634.40	3,199
13:49:18	634.30	3,046
13:49:58	634.20	1,805
13:50:12	634.00	2,219
13:50:33	634.00	1,666
13:51:39	634.10	1,031
13:51:39	634.10	382
13:52:49	634.20	238
13:52:49	634.20	937
13:54:06	634.20	1,892
13:54:20	634.20	1,472
13:54:37	634.00	641
13:54:37	634.00	1,400
13:54:37	634.00	726
13:55:59	634.20	1,983
13:57:41	634.40	1,263
13:57:50	634.30	3,727
13:58:01	634.30	2,356
14:01:16	635.00	1,711
14:01:16	635.00	1,071
14:01:17	635.00	1,583
14:01:21	635.00	1,451
14:01:25	635.00	1,525
14:02:26	635.40	5,490
14:02:27	635.40	3,525
14:02:27	635.40	382
14:03:02	635.50	3,651
14:03:52	635.50	1,193
14:03:57	635.50	4,076
14:03:58	635.50	1,200
14:03:58	635.50	818
14:04:46	635.40	386

14:04:46	635.40	844
14:04:49	635.40	945
14:04:49	635.40	361
14:05:16	635.30	968
14:05:16	635.30	1,036
14:05:16	635.30	427
14:05:22	635.20	1,200
14:05:22	635.20	225
14:06:40	635.20	2,458
14:06:40	635.20	1,436
14:06:41	635.20	350
14:07:29	635.10	2,079
14:08:08	634.70	107
14:08:17	634.70	3,307
14:09:31	634.80	1,309
14:09:34	634.80	698
14:09:43	634.80	669
14:09:53	634.80	670
14:10:26	634.80	1,487
14:11:04	634.80	3,953
14:11:04	634.80	519
14:11:04	634.80	2,155
14:12:34	634.90	140
14:12:34	634.90	1,160
14:13:25	634.90	827
14:13:25	634.90	344
14:14:24	634.80	4,648
14:14:29	634.90	807
14:14:29	634.90	344
14:14:29	634.90	218
14:14:29	634.90	802
14:14:29	634.90	172
14:14:49	634.90	586
14:14:51	634.90	1,257
14:15:12	634.80	4,474
14:15:46	634.80	2,758
14:19:20	634.50	1,362
14:19:20	634.50	2,247
14:19:43	634.40	3,367
14:20:09	634.30	2,944
14:20:54	634.20	19
14:21:47	634.50	1,631
14:22:10	634.50	2,000
14:22:10	634.50	1,200
14:22:10	634.50	1,412
14:24:47	634.70	628
14:24:47	634.70	592
14:24:58	634.60	2,824
14:25:20	634.70	1,329
14:26:42	634.50	3,661



14:26:42	634.50	920
14:26:42	634.50	270
14:26:42	634.50	540
14:26:58	634.50	338
14:26:58	634.50	2,248
14:27:12	634.40	1,744
14:27:12	634.30	1,444
14:30:00	634.60	1,186
14:30:34	634.90	1,328
14:30:34	634.90	1,600
14:30:34	634.90	311
14:30:38	634.80	2,091
14:30:39	634.80	1,500
14:30:39	634.80	591
14:30:43	634.70	857
14:30:43	634.70	1,121
14:30:43	634.70	563
14:31:00	634.70	272
14:31:00	634.70	1,416
14:31:23	634.20	1,309
14:31:57	634.40	201
14:31:57	634.40	1,400
14:31:57	634.40	333
14:32:50	634.90	2,000
14:32:50	634.90	337
14:32:54	634.90	64
14:32:54	634.90	1,127
14:32:58	634.80	4,502
14:33:23	635.10	1,153
14:33:35	635.00	2,000
14:33:35	635.00	199
14:33:47	635.10	2,181
14:33:47	635.10	2,556
14:33:50	635.00	2,000
14:33:50	635.00	921
14:33:50	635.00	551
14:34:28	635.70	4,091
14:34:31	635.70	1,200
14:34:31	635.70	45
14:34:35	635.60	406
14:34:35	635.60	1,145
14:34:35	635.60	631
14:34:35	635.60	544
14:34:39	635.30	3,326
14:34:49	635.40	312
14:35:01	635.50	2,704
14:35:13	635.50	1,421
14:35:15	635.50	1,375
14:36:01	635.10	350
14:36:01	635.10	1,036

14:36:12	635.00	2,408
14:37:05	635.10	2,170
14:37:26	634.80	335
14:37:26	634.80	966
14:37:26	634.80	2,176
14:37:44	634.90	593
14:37:44	634.90	1,189
14:37:44	634.90	704
14:38:08	634.90	1,258
14:38:53	634.50	820
14:38:53	634.50	465
14:38:53	634.50	1,210
14:38:54	634.50	1,313
14:39:07	634.60	1,160
14:39:07	634.60	2,000
14:39:07	634.60	55
14:39:08	634.60	1,603
14:39:19	634.50	4,232
14:39:21	634.40	3,753
14:39:21	634.40	1,491
14:39:21	634.40	540
14:40:12	634.70	2,232
14:40:18	634.60	2,437
14:40:28	634.60	2,501
14:40:30	634.50	1,853
14:41:07	634.30	2,045
14:41:09	634.30	74
14:41:09	634.30	1,427
14:41:31	634.30	3,064
14:41:56	634.20	873
14:41:56	634.20	734
14:41:56	634.20	898
14:42:02	634.20	1,329
14:42:26	633.80	1,789
14:42:37	633.90	1,828
14:42:46	633.80	2,838
14:42:46	633.80	1,524
14:42:59	633.90	871
14:42:59	633.90	2,476
14:43:14	633.70	1,358
14:43:18	633.70	1,427
14:43:18	633.70	497
14:43:53	633.60	878
14:44:12	633.80	3,026
14:44:15	633.80	1,230
14:44:15	633.80	440
14:44:15	633.80	1,346
14:44:41	633.40	1,271
14:44:48	633.40	533
14:44:48	633.40	1,621

14:45:11	633.20	1,121
14:45:15	633.20	1,165
14:45:15	633.20	930
14:45:15	633.20	1,518
14:45:18	633.00	774
14:45:18	633.00	180
14:45:31	633.00	219
14:45:40	633.00	1,247
14:45:47	632.90	640
14:45:47	632.90	1,082
14:46:33	633.70	1,200
14:46:37	633.70	673
14:46:39	633.60	2,103
14:46:39	633.60	2,024
14:46:39	633.60	1,100
14:46:39	633.60	84
14:46:40	633.60	1,980
14:46:53	633.50	4,126
14:46:53	633.50	1,766
14:46:58	633.40	951
14:46:58	633.40	353
14:47:19	633.60	1,114
14:47:19	633.60	2,260
14:47:46	633.20	1,431
14:48:29	633.50	470
14:48:37	633.50	1,246
14:48:37	633.50	1,429
14:49:57	633.70	578
14:49:57	633.70	1,084
14:49:57	633.70	695
14:50:26	633.60	87
14:50:27	633.60	727
14:50:27	633.60	1,156
14:50:27	633.60	526
14:50:27	633.60	727
14:50:27	633.60	788
14:50:47	633.60	1,295
14:51:38	633.80	2,568
14:52:04	633.60	1,512
14:52:26	633.40	2,021
14:52:30	633.40	1,962
14:52:39	633.40	1,515
14:52:45	633.20	1,443
14:52:45	633.20	572
14:52:52	633.20	1,135
14:52:52	633.10	1,989
14:53:00	633.10	1,336
14:53:49	633.50	1,490
14:53:49	633.50	925
14:53:49	633.50	1,490

14:54:20	633.50	1,238
14:54:27	633.50	2,055
14:54:31	633.50	1,050
14:54:32	633.50	851
14:54:32	633.50	599
14:54:37	633.30	1,441
14:54:58	633.40	1,665
14:55:19	633.40	1,469
14:56:05	633.60	2,455
14:56:06	633.60	1,216
14:56:29	633.30	3,957
14:56:34	633.30	1,931
14:56:34	633.30	732
14:56:59	633.00	2,189
14:56:59	633.00	553
14:56:59	633.00	720
14:57:04	633.00	916
14:57:06	633.00	398
14:57:06	633.00	1,449
14:57:06	633.00	159
14:57:10	633.00	1,858
14:57:10	633.00	451
14:57:10	633.00	702
14:57:10	632.90	1,719
14:57:15	632.90	1,875
14:57:20	632.90	2,210
14:57:20	632.90	1,450
14:57:32	632.90	926
14:57:32	632.90	1,034
14:57:51	632.70	1,835
14:58:01	632.60	1,232
14:58:12	632.60	1,688
14:58:59	632.60	3,584
14:59:42	632.70	3,519
14:59:55	632.70	439
14:59:55	632.70	853
15:00:00	632.60	1,158
15:00:08	632.60	1,198
15:01:16	632.40	321
15:01:16	632.40	1,616
15:01:16	632.40	1,309
15:01:31	632.40	926
15:01:41	632.30	1,284
15:01:41	632.30	1,151
15:01:45	632.20	1,595
15:01:45	632.20	2,651
15:02:17	632.30	4,896
15:02:19	632.30	1,100
15:02:19	632.30	2,000
15:02:19	632.30	591

15:02:37	632.30	755
15:02:37	632.30	3,642
15:02:37	632.30	182
15:03:53	632.70	2,000
15:04:43	632.90	1,799
15:04:43	632.90	1,100
15:04:43	632.90	2,000
15:04:43	632.90	178
15:05:00	633.00	1,855
15:05:00	633.00	1,000
15:05:00	633.00	1,094
15:05:09	632.80	462
15:05:09	632.80	817
15:05:33	632.80	1,693
15:06:19	633.80	1,206
15:06:23	633.80	1,235
15:06:41	634.00	1,239
15:06:48	633.90	1,100
15:06:48	633.90	1,403
15:07:08	633.80	1,521
15:07:09	633.80	1,807
15:07:09	633.80	670
15:07:09	633.80	93
15:08:06	633.90	4,315
15:08:06	633.90	1,621
15:08:57	634.10	1,100
15:08:57	634.10	176
15:09:08	634.10	2,253
15:10:10	634.30	2,440
15:10:14	634.20	2,552
15:10:14	634.20	266
15:11:17	634.20	510
15:11:17	634.20	942
15:11:17	634.20	657
15:11:35	634.10	1,648
15:11:35	634.10	2,176
15:11:56	634.10	2,053
15:12:27	633.90	2,040
15:12:30	633.60	1,049
15:12:30	633.60	317
15:12:59	633.70	1,822
15:13:47	633.40	1,246
15:14:35	633.50	460
15:14:35	633.50	2,608
15:14:47	633.40	129
15:14:54	633.40	1,596
15:15:25	633.30	2,642
15:15:31	633.30	3,981
15:15:55	633.30	899
15:15:55	633.30	198

15:15:55	633.30	2,354
15:15:55	633.30	1,351
15:16:03	633.30	97
15:16:08	633.30	1,762
15:16:10	633.30	86
15:16:17	633.30	86
15:16:29	633.30	552
15:16:29	633.30	1,153
15:16:29	633.30	1,200
15:16:29	633.30	2,130
15:16:29	633.30	768
15:16:29	633.30	879
15:16:29	633.30	2,000
15:16:29	633.30	918
15:16:40	633.10	3,339
15:16:58	633.20	2,489
15:17:03	633.00	960
15:17:03	633.00	241
15:17:10	633.00	1,611
15:17:16	632.90	2,102
15:17:33	633.00	304
15:17:33	633.00	979
15:18:25	633.00	591
15:18:25	633.00	3,400
15:18:30	632.80	480
15:18:30	632.80	528
15:18:30	632.80	563
15:18:30	632.80	582
15:18:46	632.90	100
15:18:46	632.90	2,712
15:19:14	632.70	1,706
15:19:25	632.60	2,573
15:19:46	632.50	4,444
15:19:47	632.50	241
15:19:47	632.50	2,000
15:19:47	632.50	1,086
15:19:47	632.50	206
15:20:29	632.70	1,458
15:20:29	632.70	947
15:20:39	632.70	3,557
15:20:39	632.70	1,557
15:20:43	632.60	2,509
15:20:43	632.60	383
15:21:08	632.50	885
15:21:08	632.50	1,930
15:21:15	632.50	1,258
15:22:02	632.10	2,977
15:22:02	631.80	1,231
15:22:05	632.00	802
15:22:05	632.00	2,000

15:22:07	632.00	720
15:22:12	632.00	1,870
15:22:13	632.00	802
15:22:13	632.00	438
15:22:13	632.00	936
15:22:13	632.00	158
15:22:13	632.00	1,300
15:22:13	632.00	2,000
15:22:13	632.00	380
15:22:46	632.10	2,000
15:22:58	632.10	2,219
15:23:07	632.00	964
15:23:07	632.00	1,890
15:23:07	632.00	300
15:23:07	632.00	1,377
15:23:18	631.70	123
15:23:18	631.70	3,358
15:23:18	631.70	34
15:23:24	631.70	694
15:23:24	631.70	533
15:23:48	631.80	2,000
15:23:48	631.80	827
15:25:06	631.90	1,583
15:25:17	631.90	671
15:25:17	631.90	2,503
15:25:17	631.90	873
15:25:17	631.90	365
15:25:41	631.70	1,659
15:25:43	631.70	828
15:26:11	632.00	1,252
15:26:11	632.00	269
15:26:21	631.80	902
15:26:21	631.80	2,268
15:26:26	631.80	2,823
15:26:44	631.90	3,108
15:26:44	631.80	650
15:26:44	631.80	1,259
15:28:16	632.00	65
15:28:16	632.00	1,436
15:28:36	632.20	673
15:28:36	632.20	3,632
15:28:48	632.10	528
15:28:48	632.10	727
15:29:06	632.20	1,415
15:29:06	632.20	255
15:29:59	632.20	1,309
15:30:21	632.10	55
15:30:21	632.10	1,135
15:31:06	632.80	2,000
15:31:19	632.90	1,305

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15:32:04	633.10	122
15:32:04	633.10	292
15:32:04	633.10	3,606
15:32:05	633.10	52
15:32:07	633.10	913
15:32:08	633.10	1,282
15:32:08	633.10	2,533
15:32:17	633.00	927
15:32:17	633.00	2,311
15:32:17	633.00	1,350
15:33:16	632.80	2,000
15:33:16	632.80	392
15:33:22	632.70	525
15:33:22	632.70	2,162
15:33:22	632.70	390
15:33:50	632.70	1,979
15:34:13	632.50	3,472
15:34:13	632.50	260
15:34:13	632.50	935
15:34:22	632.40	1,630
15:34:27	632.30	1,357
15:34:29	632.30	2,000
15:34:29	632.30	1,284
15:34:53	632.30	1,582
15:34:53	632.30	2,274
15:34:53	632.30	1,734
15:35:15	632.10	2,709
15:35:41	632.20	1,506
15:35:42	632.20	475
15:35:55	632.40	1,325
15:35:55	632.40	263
15:35:55	632.40	126
15:35:56	632.30	75
15:35:56	632.30	1,770
15:35:58	632.20	3,003
15:35:59	632.20	1,075
15:35:59	632.20	1,571
15:35:59	632.20	728
15:36:02	632.20	1,372
15:38:04	632.40	4,625
15:38:04	632.40	2,057
15:38:17	632.40	4,072
15:38:17	632.40	132
15:38:17	632.40	620
15:38:17	632.40	460
15:38:17	632.40	338
15:38:20	632.40	1,328
15:38:40	632.30	961
15:38:40	632.30	302



15:38:59	632.20	1,711
15:39:03	632.20	1,650
15:39:03	632.20	164
15:39:24	632.30	1,784
15:39:24	632.30	222
15:40:00	632.30	1,218
15:40:06	632.30	1,359
15:40:24	632.10	3,936
15:40:26	632.00	409
15:40:26	632.00	882
15:40:44	632.00	3,588
15:40:46	632.00	829
15:40:46	632.00	676
15:40:46	632.00	2,777
15:41:12	631.90	3,209
15:41:16	631.80	2,950
15:41:16	631.80	300
15:41:16	631.80	687
15:41:31	631.60	329
15:41:31	631.60	324
15:41:31	631.60	1,595
15:41:46	631.60	1,311
15:41:46	631.50	1,277
15:42:11	631.50	1,856
15:42:17	631.40	1,188
15:42:22	631.30	1,433
15:42:22	631.30	744
15:42:35	631.00	1,144
15:42:36	631.00	106
15:42:36	631.00	1,202
15:43:18	631.30	1,841
15:43:20	631.30	3,423
15:43:20	631.30	234
15:43:31	631.20	3,187
15:43:36	630.90	2,275
15:43:55	631.10	40
15:43:55	631.10	338
15:43:55	631.10	157
15:44:19	631.10	1,367
15:44:53	630.80	2,612
15:44:59	630.70	688
15:44:59	630.70	936
15:44:59	630.70	859
15:45:00	630.70	381
15:45:00	630.70	2,000
15:45:00	630.70	483
15:45:23	630.60	1,335
15:46:29	630.40	1,156
15:46:34	630.40	3,162
15:47:02	630.80	137

15:47:02	630.80	1,500
15:47:02	630.80	1,686
15:47:08	630.80	2,229
15:47:08	630.80	2,000
15:47:08	630.80	312
15:47:24	631.20	1,638
15:47:25	631.10	600
15:47:25	631.10	1,485
15:47:29	631.10	1,173
15:47:36	631.20	1,191
15:47:47	631.30	1,294
15:47:52	631.30	1,246
15:48:26	631.40	1,217
15:48:26	631.40	560
15:48:26	631.40	3,256
15:48:26	631.40	984
15:48:56	631.60	1,222
15:48:56	631.60	2,000
15:48:56	631.60	711
15:49:21	631.60	1,830
15:49:21	631.60	1,904
15:49:21	631.60	342
15:50:12	631.70	3,356
15:50:12	631.70	735
15:50:12	631.70	649
15:50:40	631.70	4,293
15:50:40	631.70	79
15:50:41	631.70	1,340
15:50:41	631.70	1,460
15:50:59	631.70	4,335
15:51:25	631.70	100
15:52:13	631.90	1,518
15:52:13	631.90	2,000
15:52:13	631.90	694
15:52:58	631.90	3,309
15:52:59	631.90	1,258
15:52:59	631.90	2,157
15:53:21	631.80	1,903
15:53:51	631.70	1,788
15:54:19	631.60	2,435
15:54:19	631.60	1,079
15:54:41	631.70	1,704
15:54:53	631.60	3,293
15:54:57	631.60	2,722
15:54:57	631.60	551
15:55:04	631.60	1,291
15:55:22	631.60	398
15:55:22	631.60	1,383
15:55:30	631.50	1,143
15:55:31	631.50	2,033

15:55:31	631.50	422
15:55:36	631.40	1,347
15:55:37	631.40	1,475
15:55:39	631.40	1,518
15:55:46	631.60	156
15:55:46	631.60	1,900
15:55:51	631.60	4,622
15:55:53	631.60	300
15:55:57	631.60	5,094
15:55:57	631.60	934
15:55:57	631.60	3,927
15:55:57	631.60	300
15:55:57	631.60	4,818
15:55:58	631.50	1,737
15:55:58	631.50	707
15:55:58	631.50	122
15:56:03	631.60	664
15:56:03	631.60	1,285
15:56:03	631.60	1,540
15:56:03	631.60	495
15:56:25	631.50	910
15:56:25	631.50	2,000
15:56:25	631.50	600
15:56:25	631.50	2,234
15:56:27	631.50	700
15:56:46	631.30	577
15:56:46	631.30	2,000
15:56:46	631.30	2,000
15:56:46	631.30	1,172
15:56:52	631.20	4,074
15:56:52	631.20	1,805
15:57:17	631.50	1,600
15:57:17	631.50	1,100
15:57:17	631.50	2,201
15:57:22	631.40	803
15:57:22	631.40	1,473
15:57:22	631.40	1,765
15:57:51	631.20	2,454
15:57:57	631.30	1,198
15:57:58	631.30	1,198
15:57:58	631.30	202
15:57:58	631.30	4,745
15:57:58	631.30	2,949
15:57:58	631.30	1,043
15:58:04	631.20	3,347
15:58:22	631.40	457
15:58:22	631.40	3,806
15:58:22	631.40	2,519
15:58:31	631.20	526
15:58:31	631.20	2,431

15:58:56	631.40	1,297
15:59:01	631.40	1,964
15:59:01	631.40	570
15:59:01	631.40	828
15:59:08	631.20	512
15:59:08	631.20	335
15:59:13	631.30	1,769
16:00:11	631.30	3,457
16:00:32	631.30	3,788
16:00:32	631.30	1,717
16:00:38	631.10	972
16:00:38	631.10	384
16:00:55	631.00	1,228
16:01:05	631.10	1,000
16:01:16	631.00	2,685
16:01:16	631.00	579
16:01:16	631.00	561
16:01:16	631.00	1,400
16:01:16	631.00	1,081
16:01:16	631.00	336
16:01:30	630.90	144
16:01:30	630.90	1,040
16:01:31	630.90	1,140
16:01:31	630.90	1,161
16:01:31	630.90	266
16:01:40	630.60	999
16:01:40	630.60	869
16:01:59	630.70	3,695
16:02:01	630.60	1,810
16:02:06	630.60	74
16:02:06	630.60	4,236
16:02:06	630.60	1,919
16:02:38	630.90	4,009
16:02:58	630.90	2,021
16:02:58	630.90	551
16:03:03	630.80	1,084
16:03:03	630.80	253
16:03:19	630.70	1,911
16:03:19	630.70	2,000
16:03:19	630.70	150
16:03:56	631.10	1,151
16:03:57	631.00	2,000
16:03:57	631.00	356
16:04:18	631.30	890
16:04:18	631.30	1,280
16:04:19	631.30	1,600
16:04:19	631.30	1,280
16:04:19	631.30	1,280
16:04:22	631.30	1,064
16:04:23	631.30	890

16:04:23	631.30	2,000
16:04:26	631.30	2,000
16:04:26	631.30	1,000
16:04:29	631.30	890
16:04:29	631.30	1,100
16:04:29	631.30	606
16:04:32	631.20	1,498
16:04:40	631.10	1,350
16:06:03	631.40	3,268
16:06:06	631.30	1,600
16:06:06	631.30	247
16:06:11	631.40	1,329
16:06:24	631.40	4,267
16:06:24	631.40	1,461
16:06:42	631.20	1,313
16:07:12	631.20	4,716
16:07:17	631.10	1,195
16:07:17	631.10	421
16:07:28	631.00	3,116
16:07:33	630.90	2,020
16:07:37	630.90	1,987
16:07:37	630.90	1,107
16:07:55	630.90	1,200
16:07:55	630.90	2,400
16:07:56	630.90	1,200
16:07:56	630.90	300
16:07:57	630.90	1,200
16:07:57	630.90	580
16:07:59	630.90	1,200
16:08:00	630.90	1,334
16:08:01	630.90	436
16:08:01	630.90	2,974
16:08:01	630.90	1,564
16:08:01	630.90	2,205
16:08:04	630.90	1,172
16:08:08	630.90	4,438
16:08:09	630.90	1,638
16:08:12	630.80	8
16:08:14	630.80	1,169
16:08:25	630.80	4,254
16:08:25	630.80	1,396
16:08:25	630.80	560
16:08:27	630.70	2,932
16:08:27	630.70	1,805
16:08:28	630.70	590
16:08:28	630.70	781
16:08:49	630.70	974
16:09:10	631.00	1,118
16:09:12	631.00	1,300
16:09:12	631.00	1,075

16:09:12	631.00	1,305
16:09:16	630.90	2,370
16:09:16	630.90	165
16:09:18	630.80	1,313
16:09:30	630.90	4,425
16:09:31	630.80	300
16:09:31	630.80	600
16:09:31	630.80	1,338
16:09:39	630.80	414
16:09:39	630.80	2,901
16:09:41	630.60	1,803
16:09:42	630.60	286
16:09:53	630.60	2,584
16:10:39	630.40	1,600
16:10:39	630.40	1,200
16:10:39	630.40	142
16:10:41	630.50	1,640
16:10:41	630.50	3,813
16:10:41	630.50	131
16:10:45	630.50	2,935
16:10:47	630.60	654
16:10:48	630.60	1,200
16:10:48	630.60	121
16:11:09	630.60	23
16:11:09	630.60	1,451
16:11:09	630.60	1,027
16:11:10	630.60	100
16:11:10	630.60	300
16:11:18	630.60	233
16:11:18	630.60	882
16:11:18	630.60	512
16:11:18	630.60	1,118
16:11:18	630.60	1,262
16:11:32	630.50	3,067
16:11:44	630.40	969
16:11:44	630.40	1,195
16:11:44	630.40	2,172
16:11:50	630.50	4,194
16:12:27	630.70	4,928
16:12:33	630.70	340
16:12:53	630.70	278
16:13:00	630.70	943
16:13:00	630.70	416
16:13:01	630.70	1,426
16:13:01	630.70	1,900
16:13:21	630.60	1,435
16:13:21	630.60	426
16:13:39	630.60	670
16:13:39	630.60	658
16:13:46	630.50	503

16:13:46	630.50	2,888
16:14:00	630.50	100
16:14:03	630.50	1,952
16:14:20	630.60	1,873
16:14:20	630.60	566
16:14:59	630.60	1,255
16:15:16	630.60	2,445
16:15:17	630.60	405
16:15:20	630.60	26
16:15:27	630.70	3,031
16:16:22	630.90	2,667
16:16:22	630.90	940
16:16:22	630.90	650
16:17:20	630.80	3,767
16:17:59	630.80	1,733
16:18:02	630.60	720
16:18:02	630.60	1,060
16:18:02	630.60	911
16:18:26	630.60	1,523
16:18:27	630.60	477
16:18:27	630.60	1,060
16:18:27	630.60	1,500
16:18:27	630.60	971
16:19:57	630.70	720
16:20:00	630.70	4,024

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

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