



**Snam: informativa sull'acquisto di azioni proprie**

*San Donato Milanese (Milano), 9 novembre 2018* – Snam, facendo seguito a quanto comunicato lo scorso 2 ottobre in merito alla ripresa dello share buy-back autorizzato dall'Assemblea degli Azionisti del 24 aprile, comunica di aver acquistato, nel periodo compreso tra il 5 e l'8 novembre, n. 1.309.391 azioni proprie al prezzo medio unitario di 3,6983 euro, per un controvalore complessivo di 4.842.483,21 euro.

Di seguito, sulla base delle informazioni fornite dall'intermediario incaricato per l'esecuzione dei riacquisti, si riporta il dettaglio delle operazioni di acquisto sul Mercato Telematico Azionario (MTA) su base giornaliera:

| <b>Data</b> | <b>Numero azioni<br/>ordinarie<br/>acquistate</b> | <b>Prezzo medio<br/>(euro)</b> | <b>Controvalore (euro)</b> |
|-------------|---------------------------------------------------|--------------------------------|----------------------------|
| 05/11/2018  | 399.509                                           | 3,6977                         | 1.477.268,88               |
| 06/11/2018  | 909.882                                           | 3,6985                         | 3.365.214,33               |
| 07/11/2018  | 0                                                 | -                              | -                          |
| 08/11/2018  | 0                                                 | -                              | -                          |

Dall'inizio del programma, Snam ha acquistato n. 63.538.163 azioni proprie (pari al 1,83% del capitale sociale), per un controvalore complessivo di 230.762.617,43 euro.

A seguito degli acquisti effettuati, considerando le azioni già in portafoglio, al 8 novembre 2018 Snam detiene n. 154.460.788 azioni proprie, pari al 4,45% del capitale sociale.

Di seguito il dettaglio giornaliero delle operazioni.



| OPERAZIONI                    |              |           |        |
|-------------------------------|--------------|-----------|--------|
| DETTAGLIO                     |              |           |        |
| DATA OPERAZIONE<br>(gg/mm/aa) | ORA (Londra) | AMMONTARE | PREZZO |
| 5/11/18                       | 08:00:44     | 755       | 3,68   |
| 5/11/18                       | 08:00:50     | 596       | 3,68   |
| 5/11/18                       | 08:01:56     | 1.082     | 3,68   |
| 5/11/18                       | 08:01:58     | 1.082     | 3,68   |
| 5/11/18                       | 08:02:49     | 1.011     | 3,69   |
| 5/11/18                       | 08:02:49     | 620       | 3,69   |
| 5/11/18                       | 08:03:48     | 1.669     | 3,69   |
| 5/11/18                       | 08:04:30     | 1.081     | 3,68   |
| 5/11/18                       | 08:04:30     | 1.216     | 3,68   |
| 5/11/18                       | 08:05:27     | 1.081     | 3,68   |
| 5/11/18                       | 08:06:00     | 1.081     | 3,68   |
| 5/11/18                       | 08:06:09     | 1.101     | 3,68   |
| 5/11/18                       | 08:07:54     | 1.080     | 3,69   |
| 5/11/18                       | 08:08:05     | 1.080     | 3,69   |
| 5/11/18                       | 08:08:48     | 1.191     | 3,68   |
| 5/11/18                       | 08:08:58     | 1.081     | 3,68   |
| 5/11/18                       | 08:09:11     | 1.081     | 3,68   |
| 5/11/18                       | 08:09:11     | 1.586     | 3,68   |
| 5/11/18                       | 08:10:43     | 1.682     | 3,68   |
| 5/11/18                       | 08:10:53     | 1.081     | 3,68   |
| 5/11/18                       | 08:13:33     | 1.080     | 3,70   |
| 5/11/18                       | 08:13:33     | 1.278     | 3,70   |
| 5/11/18                       | 08:13:33     | 485       | 3,70   |
| 5/11/18                       | 08:16:14     | 1.410     | 3,69   |
| 5/11/18                       | 08:16:17     | 1.081     | 3,69   |
| 5/11/18                       | 08:16:17     | 1.080     | 3,69   |
| 5/11/18                       | 08:16:23     | 1.080     | 3,69   |
| 5/11/18                       | 08:18:25     | 1.335     | 3,69   |
| 5/11/18                       | 08:19:30     | 1.415     | 3,69   |



|         |          |       |      |
|---------|----------|-------|------|
| 5/11/18 | 08:20:55 | 1.121 | 3,68 |
| 5/11/18 | 08:21:05 | 1.879 | 3,68 |
| 5/11/18 | 08:21:45 | 1.137 | 3,68 |
| 5/11/18 | 08:22:37 | 1.445 | 3,68 |
| 5/11/18 | 08:22:37 | 1.296 | 3,68 |
| 5/11/18 | 08:24:28 | 1.376 | 3,68 |
| 5/11/18 | 08:27:46 | 1.162 | 3,69 |
| 5/11/18 | 08:30:18 | 1.080 | 3,69 |
| 5/11/18 | 08:30:24 | 1.080 | 3,70 |
| 5/11/18 | 08:30:35 | 650   | 3,70 |
| 5/11/18 | 08:30:48 | 1.075 | 3,70 |
| 5/11/18 | 08:31:01 | 1.700 | 3,70 |
| 5/11/18 | 08:31:41 | 1.756 | 3,70 |
| 5/11/18 | 08:33:31 | 1.327 | 3,69 |
| 5/11/18 | 08:37:09 | 1.080 | 3,70 |
| 5/11/18 | 08:40:57 | 1.483 | 3,70 |
| 5/11/18 | 08:42:42 | 692   | 3,70 |
| 5/11/18 | 08:42:42 | 388   | 3,70 |
| 5/11/18 | 08:44:08 | 2.116 | 3,70 |
| 5/11/18 | 08:44:27 | 1.080 | 3,70 |
| 5/11/18 | 08:46:34 | 1.341 | 3,69 |
| 5/11/18 | 08:47:44 | 1.337 | 3,69 |
| 5/11/18 | 08:49:24 | 300   | 3,69 |
| 5/11/18 | 08:49:24 | 1.000 | 3,69 |
| 5/11/18 | 08:52:41 | 1.379 | 3,69 |
| 5/11/18 | 08:54:36 | 835   | 3,69 |
| 5/11/18 | 08:54:36 | 565   | 3,69 |
| 5/11/18 | 08:56:42 | 1.302 | 3,69 |
| 5/11/18 | 08:59:13 | 1.344 | 3,69 |
| 5/11/18 | 09:06:03 | 1.359 | 3,69 |
| 5/11/18 | 09:06:03 | 1.080 | 3,69 |
| 5/11/18 | 09:09:24 | 1.496 | 3,69 |
| 5/11/18 | 09:09:24 | 705   | 3,69 |
| 5/11/18 | 09:11:06 | 1.350 | 3,69 |
| 5/11/18 | 09:13:12 | 492   | 3,69 |
| 5/11/18 | 09:13:12 | 808   | 3,69 |
| 5/11/18 | 09:15:00 | 1.358 | 3,69 |



|         |          |       |      |
|---------|----------|-------|------|
| 5/11/18 | 09:23:12 | 1.080 | 3,69 |
| 5/11/18 | 09:23:12 | 1.143 | 3,69 |
| 5/11/18 | 09:23:34 | 419   | 3,69 |
| 5/11/18 | 09:23:34 | 661   | 3,69 |
| 5/11/18 | 09:24:07 | 1.544 | 3,69 |
| 5/11/18 | 09:24:07 | 33    | 3,69 |
| 5/11/18 | 09:28:02 | 1.338 | 3,69 |
| 5/11/18 | 09:35:30 | 1.474 | 3,70 |
| 5/11/18 | 09:37:23 | 1.812 | 3,70 |
| 5/11/18 | 09:37:50 | 2.863 | 3,70 |
| 5/11/18 | 09:40:16 | 1.335 | 3,70 |
| 5/11/18 | 09:41:11 | 1.332 | 3,70 |
| 5/11/18 | 09:43:58 | 1.641 | 3,69 |
| 5/11/18 | 09:51:51 | 1.000 | 3,70 |
| 5/11/18 | 09:51:55 | 431   | 3,70 |
| 5/11/18 | 09:52:04 | 1.517 | 3,70 |
| 5/11/18 | 09:56:29 | 1.081 | 3,70 |
| 5/11/18 | 09:57:54 | 1.310 | 3,70 |
| 5/11/18 | 09:58:13 | 1.000 | 3,70 |
| 5/11/18 | 09:58:24 | 179   | 3,70 |
| 5/11/18 | 10:00:58 | 1.571 | 3,70 |
| 5/11/18 | 10:08:38 | 1.080 | 3,70 |
| 5/11/18 | 10:08:42 | 1.086 | 3,70 |
| 5/11/18 | 10:08:42 | 1.486 | 3,70 |
| 5/11/18 | 10:11:37 | 1.305 | 3,70 |
| 5/11/18 | 10:15:23 | 1.081 | 3,70 |
| 5/11/18 | 10:17:00 | 1.334 | 3,70 |
| 5/11/18 | 10:18:00 | 1.150 | 3,69 |
| 5/11/18 | 10:22:39 | 1.107 | 3,70 |
| 5/11/18 | 10:26:36 | 339   | 3,70 |
| 5/11/18 | 10:26:36 | 795   | 3,70 |
| 5/11/18 | 10:29:42 | 1.130 | 3,70 |
| 5/11/18 | 10:30:59 | 5     | 3,70 |
| 5/11/18 | 10:35:21 | 1.075 | 3,70 |
| 5/11/18 | 10:35:21 | 1.950 | 3,70 |
| 5/11/18 | 10:35:31 | 2.891 | 3,70 |
| 5/11/18 | 10:37:08 | 239   | 3,70 |



|         |          |       |      |
|---------|----------|-------|------|
| 5/11/18 | 10:37:08 | 1.118 | 3,70 |
| 5/11/18 | 10:40:52 | 1.425 | 3,70 |
| 5/11/18 | 10:40:52 | 1.080 | 3,70 |
| 5/11/18 | 10:45:09 | 322   | 3,70 |
| 5/11/18 | 10:46:19 | 2.020 | 3,70 |
| 5/11/18 | 10:50:00 | 1.080 | 3,70 |
| 5/11/18 | 10:55:39 | 1.080 | 3,70 |
| 5/11/18 | 10:58:27 | 1.080 | 3,70 |
| 5/11/18 | 10:59:56 | 1.094 | 3,70 |
| 5/11/18 | 11:00:00 | 1.531 | 3,70 |
| 5/11/18 | 11:00:00 | 1.081 | 3,70 |
| 5/11/18 | 11:04:58 | 1.081 | 3,70 |
| 5/11/18 | 11:07:55 | 1.375 | 3,70 |
| 5/11/18 | 11:09:15 | 1.081 | 3,70 |
| 5/11/18 | 11:09:20 | 640   | 3,70 |
| 5/11/18 | 11:09:20 | 1.131 | 3,70 |
| 5/11/18 | 11:09:20 | 453   | 3,70 |
| 5/11/18 | 11:14:41 | 22    | 3,70 |
| 5/11/18 | 11:16:49 | 1.143 | 3,70 |
| 5/11/18 | 11:17:12 | 1.058 | 3,70 |
| 5/11/18 | 11:17:12 | 1.080 | 3,70 |
| 5/11/18 | 11:21:01 | 1.080 | 3,70 |
| 5/11/18 | 11:35:31 | 2.197 | 3,70 |
| 5/11/18 | 11:35:31 | 1.239 | 3,70 |
| 5/11/18 | 11:35:31 | 1.908 | 3,70 |
| 5/11/18 | 11:35:31 | 1.217 | 3,70 |
| 5/11/18 | 11:35:31 | 1.217 | 3,70 |
| 5/11/18 | 11:39:25 | 1.305 | 3,70 |
| 5/11/18 | 11:55:06 | 15    | 3,70 |
| 5/11/18 | 11:59:01 | 459   | 3,70 |
| 5/11/18 | 11:59:01 | 607   | 3,70 |
| 5/11/18 | 11:59:01 | 1.959 | 3,70 |
| 5/11/18 | 11:59:01 | 1.080 | 3,70 |
| 5/11/18 | 11:59:01 | 1.081 | 3,70 |
| 5/11/18 | 11:59:15 | 1.476 | 3,70 |
| 5/11/18 | 12:02:17 | 1.080 | 3,70 |
| 5/11/18 | 12:14:37 | 1.871 | 3,70 |



|         |          |       |      |
|---------|----------|-------|------|
| 5/11/18 | 12:14:37 | 1.726 | 3,70 |
| 5/11/18 | 12:18:48 | 1.150 | 3,70 |
| 5/11/18 | 12:18:48 | 568   | 3,70 |
| 5/11/18 | 12:18:48 | 1.853 | 3,70 |
| 5/11/18 | 12:18:58 | 1.081 | 3,70 |
| 5/11/18 | 12:20:51 | 200   | 3,70 |
| 5/11/18 | 12:20:51 | 1.826 | 3,70 |
| 5/11/18 | 13:04:02 | 790   | 3,70 |
| 5/11/18 | 13:15:05 | 540   | 3,70 |
| 5/11/18 | 13:15:05 | 1.172 | 3,70 |
| 5/11/18 | 13:17:07 | 29    | 3,70 |
| 5/11/18 | 13:17:07 | 3.007 | 3,70 |
| 5/11/18 | 13:17:07 | 1.081 | 3,70 |
| 5/11/18 | 13:17:07 | 1.588 | 3,70 |
| 5/11/18 | 13:17:07 | 1.410 | 3,70 |
| 5/11/18 | 13:25:13 | 1.080 | 3,70 |
| 5/11/18 | 13:25:47 | 1.469 | 3,70 |
| 5/11/18 | 13:27:21 | 1.480 | 3,70 |
| 5/11/18 | 13:28:52 | 1.303 | 3,70 |
| 5/11/18 | 13:32:24 | 1.080 | 3,70 |
| 5/11/18 | 13:35:42 | 1.081 | 3,70 |
| 5/11/18 | 13:35:47 | 2.191 | 3,70 |
| 5/11/18 | 13:36:59 | 780   | 3,70 |
| 5/11/18 | 13:36:59 | 512   | 3,70 |
| 5/11/18 | 13:37:00 | 1.474 | 3,70 |
| 5/11/18 | 13:41:41 | 30    | 3,69 |
| 5/11/18 | 13:41:47 | 1.288 | 3,69 |
| 5/11/18 | 13:45:02 | 2.758 | 3,70 |
| 5/11/18 | 13:50:28 | 1.080 | 3,70 |
| 5/11/18 | 13:51:11 | 1.328 | 3,70 |
| 5/11/18 | 13:51:11 | 1.188 | 3,70 |
| 5/11/18 | 13:51:53 | 1.207 | 3,70 |
| 5/11/18 | 13:53:13 | 716   | 3,69 |
| 5/11/18 | 13:54:58 | 45    | 3,69 |
| 5/11/18 | 13:57:06 | 1.305 | 3,69 |
| 5/11/18 | 13:57:06 | 597   | 3,69 |
| 5/11/18 | 13:57:06 | 57    | 3,69 |



|         |          |        |      |
|---------|----------|--------|------|
| 5/11/18 | 13:57:06 | 59     | 3,69 |
| 5/11/18 | 13:57:06 | 1.022  | 3,69 |
| 5/11/18 | 13:57:06 | 1.616  | 3,69 |
| 5/11/18 | 14:00:28 | 1.286  | 3,70 |
| 5/11/18 | 14:03:23 | 1.300  | 3,70 |
| 5/11/18 | 14:03:23 | 409    | 3,70 |
| 5/11/18 | 14:04:54 | 356    | 3,70 |
| 5/11/18 | 14:04:54 | 725    | 3,70 |
| 5/11/18 | 14:04:54 | 1.008  | 3,70 |
| 5/11/18 | 14:04:54 | 97     | 3,70 |
| 5/11/18 | 14:10:07 | 51     | 3,70 |
| 5/11/18 | 14:10:46 | 1.029  | 3,70 |
| 5/11/18 | 14:10:46 | 1.081  | 3,70 |
| 5/11/18 | 14:10:46 | 1.082  | 3,70 |
| 5/11/18 | 14:11:26 | 1.868  | 3,70 |
| 5/11/18 | 14:11:34 | 1.080  | 3,70 |
| 5/11/18 | 14:16:39 | 1.737  | 3,70 |
| 5/11/18 | 14:16:39 | 1.850  | 3,70 |
| 5/11/18 | 14:16:39 | 1.081  | 3,70 |
| 5/11/18 | 14:29:35 | 582    | 3,70 |
| 5/11/18 | 14:29:35 | 1.331  | 3,70 |
| 5/11/18 | 15:51:38 | 5.211  | 3,70 |
| 5/11/18 | 15:51:38 | 6.872  | 3,70 |
| 5/11/18 | 15:51:38 | 11.560 | 3,70 |
| 5/11/18 | 15:51:38 | 4.199  | 3,70 |
| 5/11/18 | 15:51:38 | 11.203 | 3,70 |
| 5/11/18 | 15:51:38 | 13.112 | 3,70 |
| 5/11/18 | 16:04:31 | 6.853  | 3,70 |
| 5/11/18 | 16:04:31 | 1.217  | 3,70 |
| 5/11/18 | 16:04:31 | 2.968  | 3,70 |
| 5/11/18 | 16:04:31 | 2.232  | 3,70 |
| 5/11/18 | 16:04:31 | 10.116 | 3,70 |
| 5/11/18 | 16:04:31 | 5.127  | 3,70 |
| 5/11/18 | 16:04:31 | 8.806  | 3,70 |
| 5/11/18 | 16:04:31 | 4.216  | 3,70 |
| 5/11/18 | 16:04:31 | 789    | 3,70 |
| 5/11/18 | 16:04:31 | 5.667  | 3,70 |



|         |          |       |      |
|---------|----------|-------|------|
| 5/11/18 | 16:04:31 | 2.500 | 3,70 |
| 5/11/18 | 16:04:31 | 2.612 | 3,70 |
| 5/11/18 | 16:04:31 | 1.837 | 3,70 |
| 5/11/18 | 16:04:32 | 3.255 | 3,70 |
| 5/11/18 | 16:04:32 | 1.483 | 3,70 |
| 5/11/18 | 16:04:32 | 2.360 | 3,70 |
| 5/11/18 | 16:04:32 | 4.191 | 3,70 |
| 5/11/18 | 16:04:32 | 3.485 | 3,70 |
| 5/11/18 | 16:04:40 | 994   | 3,70 |
| 5/11/18 | 16:04:40 | 306   | 3,70 |
| 5/11/18 | 16:04:40 | 1.341 | 3,70 |
| 5/11/18 | 16:04:43 | 1.537 | 3,70 |
| 5/11/18 | 16:04:43 | 1.199 | 3,70 |
| 5/11/18 | 16:04:44 | 564   | 3,70 |
| 5/11/18 | 16:05:00 | 1.267 | 3,70 |
| 5/11/18 | 16:06:00 | 1.763 | 3,70 |
| 5/11/18 | 16:06:58 | 1.446 | 3,70 |
| 5/11/18 | 16:06:58 | 1.083 | 3,70 |
| 5/11/18 | 16:08:21 | 1.080 | 3,70 |
| 5/11/18 | 16:08:21 | 19    | 3,70 |
| 5/11/18 | 16:08:59 | 195   | 3,70 |
| 5/11/18 | 16:09:01 | 896   | 3,70 |
| 5/11/18 | 16:09:01 | 1.791 | 3,70 |
| 5/11/18 | 16:09:27 | 1.087 | 3,70 |
| 5/11/18 | 16:10:18 | 1.579 | 3,70 |
| 5/11/18 | 16:10:18 | 1.087 | 3,70 |
| 5/11/18 | 16:10:47 | 468   | 3,70 |
| 5/11/18 | 16:10:47 | 1.084 | 3,70 |
| 5/11/18 | 16:10:50 | 158   | 3,70 |
| 5/11/18 | 16:10:59 | 466   | 3,70 |
| 5/11/18 | 16:10:59 | 1.186 | 3,70 |
| 5/11/18 | 16:12:35 | 1.598 | 3,70 |
| 5/11/18 | 16:12:35 | 155   | 3,70 |
| 5/11/18 | 16:13:09 | 1.653 | 3,70 |
| 5/11/18 | 16:13:09 | 152   | 3,70 |
| 5/11/18 | 16:13:17 | 1.332 | 3,70 |
| 5/11/18 | 16:13:18 | 1.080 | 3,70 |



|         |          |       |      |
|---------|----------|-------|------|
| 5/11/18 | 16:13:32 | 1.522 | 3,70 |
| 5/11/18 | 16:14:57 | 3.271 | 3,70 |
| 5/11/18 | 16:15:14 | 540   | 3,70 |
| 5/11/18 | 16:15:14 | 816   | 3,70 |
| 5/11/18 | 16:16:27 | 1.081 | 3,70 |
| 5/11/18 | 16:17:11 | 2.834 | 3,70 |
| 5/11/18 | 16:17:11 | 1.746 | 3,70 |
| 5/11/18 | 16:17:45 | 2.383 | 3,70 |
| 5/11/18 | 16:18:35 | 151   | 3,70 |
| 5/11/18 | 16:18:35 | 2.036 | 3,70 |
| 5/11/18 | 16:19:33 | 1.087 | 3,70 |
| 5/11/18 | 16:19:37 | 617   | 3,70 |
| 5/11/18 | 16:20:08 | 1.051 | 3,70 |
| 5/11/18 | 16:20:08 | 20    | 3,70 |
| 5/11/18 | 16:20:08 | 11    | 3,70 |
| 5/11/18 | 16:20:13 | 1.080 | 3,70 |
| 5/11/18 | 16:20:13 | 2.505 | 3,70 |
| 5/11/18 | 16:21:20 | 2.483 | 3,70 |
| 5/11/18 | 16:21:20 | 1.080 | 3,70 |
| 6/11/18 | 08:00:40 | 415   | 3,71 |
| 6/11/18 | 08:00:40 | 2.008 | 3,71 |
| 6/11/18 | 08:01:36 | 1.809 | 3,71 |
| 6/11/18 | 08:01:37 | 670   | 3,70 |
| 6/11/18 | 08:01:37 | 2.008 | 3,70 |
| 6/11/18 | 08:03:44 | 2.160 | 3,70 |
| 6/11/18 | 08:04:06 | 1.329 | 3,70 |
| 6/11/18 | 08:04:06 | 1.383 | 3,70 |
| 6/11/18 | 08:04:06 | 1.083 | 3,70 |
| 6/11/18 | 08:04:06 | 1.082 | 3,70 |
| 6/11/18 | 08:04:39 | 169   | 3,70 |
| 6/11/18 | 08:06:54 | 1.909 | 3,70 |
| 6/11/18 | 08:08:03 | 1.908 | 3,70 |
| 6/11/18 | 08:09:02 | 1.080 | 3,71 |
| 6/11/18 | 08:09:02 | 2.703 | 3,71 |
| 6/11/18 | 08:09:51 | 1.080 | 3,70 |
| 6/11/18 | 08:09:51 | 1.491 | 3,70 |
| 6/11/18 | 08:10:06 | 1.787 | 3,70 |



|         |          |       |      |
|---------|----------|-------|------|
| 6/11/18 | 08:15:00 | 2.466 | 3,71 |
| 6/11/18 | 08:15:00 | 2.285 | 3,71 |
| 6/11/18 | 08:15:11 | 1.081 | 3,70 |
| 6/11/18 | 08:15:29 | 1.355 | 3,70 |
| 6/11/18 | 08:17:28 | 1.545 | 3,71 |
| 6/11/18 | 08:19:55 | 1.632 | 3,70 |
| 6/11/18 | 08:20:58 | 1.969 | 3,70 |
| 6/11/18 | 08:20:58 | 1.363 | 3,70 |
| 6/11/18 | 08:25:52 | 1.973 | 3,71 |
| 6/11/18 | 08:28:26 | 60    | 3,71 |
| 6/11/18 | 08:28:26 | 1.935 | 3,71 |
| 6/11/18 | 08:30:59 | 2.080 | 3,71 |
| 6/11/18 | 08:31:11 | 1.081 | 3,71 |
| 6/11/18 | 08:31:11 | 1.080 | 3,71 |
| 6/11/18 | 08:31:11 | 639   | 3,70 |
| 6/11/18 | 08:31:11 | 1.058 | 3,70 |
| 6/11/18 | 08:32:56 | 2.008 | 3,70 |
| 6/11/18 | 08:33:46 | 1.578 | 3,70 |
| 6/11/18 | 08:33:54 | 27    | 3,70 |
| 6/11/18 | 08:33:54 | 1.953 | 3,70 |
| 6/11/18 | 08:34:19 | 385   | 3,70 |
| 6/11/18 | 08:37:15 | 1.670 | 3,70 |
| 6/11/18 | 08:37:15 | 1.681 | 3,70 |
| 6/11/18 | 08:37:41 | 400   | 3,70 |
| 6/11/18 | 08:38:13 | 430   | 3,70 |
| 6/11/18 | 08:38:13 | 770   | 3,70 |
| 6/11/18 | 08:38:32 | 650   | 3,70 |
| 6/11/18 | 08:38:32 | 816   | 3,70 |
| 6/11/18 | 08:38:32 | 844   | 3,70 |
| 6/11/18 | 08:38:32 | 1.590 | 3,70 |
| 6/11/18 | 08:39:20 | 3.255 | 3,69 |
| 6/11/18 | 08:41:36 | 1.839 | 3,70 |
| 6/11/18 | 08:44:15 | 1.081 | 3,70 |
| 6/11/18 | 08:45:09 | 2.069 | 3,70 |
| 6/11/18 | 08:45:11 | 940   | 3,70 |
| 6/11/18 | 08:45:17 | 323   | 3,70 |
| 6/11/18 | 08:45:17 | 1.469 | 3,70 |



|         |          |       |      |
|---------|----------|-------|------|
| 6/11/18 | 08:46:34 | 2.033 | 3,70 |
| 6/11/18 | 08:46:34 | 3.004 | 3,70 |
| 6/11/18 | 08:46:41 | 1.237 | 3,70 |
| 6/11/18 | 08:48:22 | 1.703 | 3,69 |
| 6/11/18 | 08:49:12 | 1.721 | 3,69 |
| 6/11/18 | 08:49:30 | 1.710 | 3,69 |
| 6/11/18 | 08:52:45 | 1.645 | 3,69 |
| 6/11/18 | 08:52:45 | 1.602 | 3,69 |
| 6/11/18 | 08:55:51 | 393   | 3,69 |
| 6/11/18 | 08:55:51 | 599   | 3,69 |
| 6/11/18 | 09:00:04 | 1.080 | 3,70 |
| 6/11/18 | 09:00:04 | 1.704 | 3,70 |
| 6/11/18 | 09:00:04 | 1.080 | 3,70 |
| 6/11/18 | 09:00:04 | 401   | 3,70 |
| 6/11/18 | 09:00:16 | 955   | 3,70 |
| 6/11/18 | 09:00:16 | 2.143 | 3,70 |
| 6/11/18 | 09:00:16 | 125   | 3,70 |
| 6/11/18 | 09:00:58 | 2.415 | 3,70 |
| 6/11/18 | 09:01:57 | 1.081 | 3,70 |
| 6/11/18 | 09:01:57 | 1.080 | 3,70 |
| 6/11/18 | 09:01:57 | 1.080 | 3,70 |
| 6/11/18 | 09:06:55 | 1.081 | 3,70 |
| 6/11/18 | 09:06:55 | 2.649 | 3,70 |
| 6/11/18 | 09:06:55 | 943   | 3,70 |
| 6/11/18 | 09:06:55 | 2.251 | 3,70 |
| 6/11/18 | 09:06:55 | 2.078 | 3,70 |
| 6/11/18 | 09:07:13 | 666   | 3,70 |
| 6/11/18 | 09:07:13 | 486   | 3,70 |
| 6/11/18 | 09:08:55 | 1.699 | 3,70 |
| 6/11/18 | 09:10:03 | 1.682 | 3,70 |
| 6/11/18 | 09:15:56 | 2.032 | 3,70 |
| 6/11/18 | 09:16:26 | 1.361 | 3,70 |
| 6/11/18 | 09:16:46 | 1.064 | 3,69 |
| 6/11/18 | 09:16:46 | 1.081 | 3,69 |
| 6/11/18 | 09:16:46 | 16    | 3,69 |
| 6/11/18 | 09:16:46 | 1.799 | 3,69 |
| 6/11/18 | 09:16:46 | 1.649 | 3,69 |



|         |          |       |      |
|---------|----------|-------|------|
| 6/11/18 | 09:17:37 | 1.525 | 3,70 |
| 6/11/18 | 09:23:11 | 1.080 | 3,70 |
| 6/11/18 | 09:23:14 | 1.648 | 3,70 |
| 6/11/18 | 09:23:14 | 284   | 3,70 |
| 6/11/18 | 09:24:05 | 1.080 | 3,70 |
| 6/11/18 | 09:24:22 | 550   | 3,69 |
| 6/11/18 | 09:25:00 | 1.081 | 3,69 |
| 6/11/18 | 09:25:00 | 665   | 3,69 |
| 6/11/18 | 09:25:00 | 1.080 | 3,69 |
| 6/11/18 | 09:25:13 | 1.209 | 3,70 |
| 6/11/18 | 09:27:42 | 59    | 3,70 |
| 6/11/18 | 09:27:42 | 1.559 | 3,70 |
| 6/11/18 | 09:27:42 | 1.081 | 3,70 |
| 6/11/18 | 09:27:45 | 1.080 | 3,70 |
| 6/11/18 | 09:27:45 | 915   | 3,70 |
| 6/11/18 | 09:28:27 | 1.647 | 3,70 |
| 6/11/18 | 09:28:38 | 1.221 | 3,70 |
| 6/11/18 | 09:28:38 | 2.097 | 3,70 |
| 6/11/18 | 09:28:38 | 146   | 3,70 |
| 6/11/18 | 09:28:38 | 882   | 3,70 |
| 6/11/18 | 09:28:38 | 53    | 3,70 |
| 6/11/18 | 09:29:15 | 1.124 | 3,70 |
| 6/11/18 | 09:29:16 | 1.775 | 3,70 |
| 6/11/18 | 09:30:28 | 1.704 | 3,69 |
| 6/11/18 | 09:33:31 | 245   | 3,69 |
| 6/11/18 | 09:33:31 | 613   | 3,69 |
| 6/11/18 | 09:33:31 | 1.055 | 3,69 |
| 6/11/18 | 09:33:31 | 1.425 | 3,69 |
| 6/11/18 | 09:35:14 | 1.710 | 3,69 |
| 6/11/18 | 09:35:14 | 1.688 | 3,69 |
| 6/11/18 | 09:37:56 | 1.547 | 3,70 |
| 6/11/18 | 09:39:56 | 1.705 | 3,70 |
| 6/11/18 | 09:39:56 | 428   | 3,70 |
| 6/11/18 | 09:39:56 | 669   | 3,70 |
| 6/11/18 | 09:43:35 | 2.546 | 3,70 |
| 6/11/18 | 09:45:02 | 2.633 | 3,71 |
| 6/11/18 | 09:45:38 | 1.080 | 3,71 |



|         |          |       |      |
|---------|----------|-------|------|
| 6/11/18 | 09:47:53 | 1.726 | 3,71 |
| 6/11/18 | 09:48:03 | 1.082 | 3,71 |
| 6/11/18 | 09:52:32 | 1.081 | 3,70 |
| 6/11/18 | 09:53:34 | 2.401 | 3,70 |
| 6/11/18 | 09:53:34 | 1.080 | 3,70 |
| 6/11/18 | 09:53:34 | 1.703 | 3,70 |
| 6/11/18 | 09:53:34 | 1.080 | 3,70 |
| 6/11/18 | 09:53:55 | 1.281 | 3,70 |
| 6/11/18 | 09:53:55 | 76    | 3,70 |
| 6/11/18 | 09:54:39 | 34    | 3,70 |
| 6/11/18 | 09:54:40 | 1.562 | 3,70 |
| 6/11/18 | 09:55:56 | 1.665 | 3,70 |
| 6/11/18 | 09:58:42 | 1.634 | 3,70 |
| 6/11/18 | 10:00:53 | 1.660 | 3,70 |
| 6/11/18 | 10:02:37 | 1.789 | 3,70 |
| 6/11/18 | 10:02:37 | 1.081 | 3,70 |
| 6/11/18 | 10:02:37 | 928   | 3,70 |
| 6/11/18 | 10:02:47 | 9     | 3,70 |
| 6/11/18 | 10:05:05 | 158   | 3,70 |
| 6/11/18 | 10:05:05 | 923   | 3,70 |
| 6/11/18 | 10:09:07 | 1.080 | 3,70 |
| 6/11/18 | 10:09:07 | 1.877 | 3,70 |
| 6/11/18 | 10:09:08 | 1.786 | 3,70 |
| 6/11/18 | 10:09:08 | 1.081 | 3,70 |
| 6/11/18 | 10:09:08 | 1.213 | 3,70 |
| 6/11/18 | 10:09:27 | 402   | 3,70 |
| 6/11/18 | 10:09:27 | 699   | 3,70 |
| 6/11/18 | 10:09:27 | 1.399 | 3,70 |
| 6/11/18 | 10:12:58 | 668   | 3,70 |
| 6/11/18 | 10:12:58 | 1.013 | 3,70 |
| 6/11/18 | 10:13:48 | 1.081 | 3,70 |
| 6/11/18 | 10:13:53 | 1.624 | 3,70 |
| 6/11/18 | 10:14:04 | 1.748 | 3,70 |
| 6/11/18 | 10:14:32 | 59    | 3,70 |
| 6/11/18 | 10:16:14 | 1.748 | 3,70 |
| 6/11/18 | 10:16:42 | 1.594 | 3,70 |
| 6/11/18 | 10:16:58 | 272   | 3,70 |



|         |          |       |      |
|---------|----------|-------|------|
| 6/11/18 | 10:17:42 | 1.748 | 3,70 |
| 6/11/18 | 10:20:50 | 1.912 | 3,70 |
| 6/11/18 | 10:20:57 | 1.133 | 3,70 |
| 6/11/18 | 10:22:03 | 930   | 3,70 |
| 6/11/18 | 10:25:37 | 89    | 3,70 |
| 6/11/18 | 10:26:53 | 1.080 | 3,70 |
| 6/11/18 | 10:26:54 | 1.080 | 3,70 |
| 6/11/18 | 10:26:54 | 991   | 3,70 |
| 6/11/18 | 10:27:13 | 1.080 | 3,70 |
| 6/11/18 | 10:28:44 | 364   | 3,70 |
| 6/11/18 | 10:28:44 | 1.118 | 3,70 |
| 6/11/18 | 10:28:44 | 1.187 | 3,70 |
| 6/11/18 | 10:28:44 | 1.518 | 3,70 |
| 6/11/18 | 10:28:44 | 155   | 3,70 |
| 6/11/18 | 10:28:44 | 1.081 | 3,70 |
| 6/11/18 | 10:28:51 | 1.329 | 3,70 |
| 6/11/18 | 10:30:21 | 1.871 | 3,70 |
| 6/11/18 | 10:30:21 | 1.380 | 3,70 |
| 6/11/18 | 10:31:39 | 653   | 3,70 |
| 6/11/18 | 10:31:39 | 427   | 3,70 |
| 6/11/18 | 10:35:06 | 2.124 | 3,70 |
| 6/11/18 | 10:35:06 | 2.477 | 3,70 |
| 6/11/18 | 10:35:08 | 1.950 | 3,70 |
| 6/11/18 | 10:35:08 | 382   | 3,70 |
| 6/11/18 | 10:35:49 | 1.175 | 3,70 |
| 6/11/18 | 10:35:51 | 1.081 | 3,70 |
| 6/11/18 | 10:39:55 | 249   | 3,70 |
| 6/11/18 | 10:39:58 | 966   | 3,70 |
| 6/11/18 | 10:42:02 | 1.080 | 3,70 |
| 6/11/18 | 10:42:54 | 1.943 | 3,70 |
| 6/11/18 | 10:44:26 | 3.827 | 3,70 |
| 6/11/18 | 10:44:26 | 423   | 3,70 |
| 6/11/18 | 10:44:26 | 2.032 | 3,70 |
| 6/11/18 | 10:44:26 | 1.080 | 3,70 |
| 6/11/18 | 10:44:26 | 1.411 | 3,70 |
| 6/11/18 | 10:44:26 | 1.080 | 3,70 |
| 6/11/18 | 10:45:39 | 495   | 3,70 |



|         |          |       |      |
|---------|----------|-------|------|
| 6/11/18 | 10:45:39 | 650   | 3,70 |
| 6/11/18 | 10:45:39 | 8     | 3,70 |
| 6/11/18 | 10:45:56 | 607   | 3,70 |
| 6/11/18 | 10:46:38 | 478   | 3,70 |
| 6/11/18 | 10:46:38 | 2     | 3,70 |
| 6/11/18 | 10:46:39 | 1.290 | 3,70 |
| 6/11/18 | 10:46:39 | 1.220 | 3,70 |
| 6/11/18 | 10:47:09 | 360   | 3,70 |
| 6/11/18 | 10:48:00 | 1.681 | 3,70 |
| 6/11/18 | 10:50:40 | 289   | 3,70 |
| 6/11/18 | 10:50:40 | 791   | 3,70 |
| 6/11/18 | 10:54:17 | 1.963 | 3,70 |
| 6/11/18 | 10:55:34 | 1.611 | 3,70 |
| 6/11/18 | 10:55:34 | 1.095 | 3,70 |
| 6/11/18 | 10:55:34 | 1.080 | 3,70 |
| 6/11/18 | 10:55:34 | 1.081 | 3,70 |
| 6/11/18 | 10:55:34 | 1.081 | 3,70 |
| 6/11/18 | 10:55:36 | 1.574 | 3,70 |
| 6/11/18 | 10:55:36 | 1.713 | 3,70 |
| 6/11/18 | 10:55:36 | 204   | 3,70 |
| 6/11/18 | 10:57:00 | 1.631 | 3,69 |
| 6/11/18 | 10:57:00 | 1.642 | 3,69 |
| 6/11/18 | 11:02:26 | 1.092 | 3,70 |
| 6/11/18 | 11:02:26 | 1.080 | 3,70 |
| 6/11/18 | 11:06:21 | 136   | 3,70 |
| 6/11/18 | 11:06:21 | 416   | 3,70 |
| 6/11/18 | 11:06:21 | 650   | 3,70 |
| 6/11/18 | 11:06:21 | 1.084 | 3,70 |
| 6/11/18 | 11:06:21 | 123   | 3,70 |
| 6/11/18 | 11:07:30 | 1.081 | 3,70 |
| 6/11/18 | 11:07:30 | 1.739 | 3,70 |
| 6/11/18 | 11:07:30 | 1.080 | 3,70 |
| 6/11/18 | 11:08:10 | 577   | 3,70 |
| 6/11/18 | 11:08:10 | 650   | 3,70 |
| 6/11/18 | 11:08:48 | 1.025 | 3,70 |
| 6/11/18 | 11:10:19 | 1.046 | 3,70 |
| 6/11/18 | 11:10:19 | 1.018 | 3,70 |



|         |          |       |      |
|---------|----------|-------|------|
| 6/11/18 | 11:10:19 | 1.732 | 3,70 |
| 6/11/18 | 11:10:19 | 1.080 | 3,70 |
| 6/11/18 | 11:15:01 | 1.933 | 3,70 |
| 6/11/18 | 11:15:01 | 1.081 | 3,70 |
| 6/11/18 | 11:15:01 | 1.082 | 3,70 |
| 6/11/18 | 11:16:20 | 1.082 | 3,70 |
| 6/11/18 | 11:16:20 | 1.080 | 3,70 |
| 6/11/18 | 11:22:01 | 554   | 3,70 |
| 6/11/18 | 11:22:01 | 526   | 3,70 |
| 6/11/18 | 11:22:09 | 1.081 | 3,70 |
| 6/11/18 | 11:24:47 | 96    | 3,70 |
| 6/11/18 | 11:24:47 | 853   | 3,70 |
| 6/11/18 | 11:24:47 | 640   | 3,70 |
| 6/11/18 | 11:24:47 | 387   | 3,70 |
| 6/11/18 | 11:25:17 | 1.081 | 3,70 |
| 6/11/18 | 11:25:17 | 1.081 | 3,70 |
| 6/11/18 | 11:25:18 | 736   | 3,70 |
| 6/11/18 | 11:27:01 | 1.081 | 3,70 |
| 6/11/18 | 11:27:01 | 1.081 | 3,70 |
| 6/11/18 | 11:27:01 | 1.765 | 3,70 |
| 6/11/18 | 11:27:01 | 2.075 | 3,70 |
| 6/11/18 | 11:27:01 | 971   | 3,70 |
| 6/11/18 | 11:27:01 | 1.402 | 3,70 |
| 6/11/18 | 11:27:01 | 133   | 3,70 |
| 6/11/18 | 11:27:17 | 1.081 | 3,70 |
| 6/11/18 | 11:29:18 | 650   | 3,70 |
| 6/11/18 | 11:29:26 | 1.231 | 3,70 |
| 6/11/18 | 11:29:26 | 1.081 | 3,70 |
| 6/11/18 | 11:30:46 | 1.666 | 3,70 |
| 6/11/18 | 11:37:49 | 2.202 | 3,70 |
| 6/11/18 | 11:37:49 | 1.950 | 3,70 |
| 6/11/18 | 11:37:49 | 600   | 3,70 |
| 6/11/18 | 11:37:51 | 1.509 | 3,70 |
| 6/11/18 | 11:40:14 | 1.080 | 3,70 |
| 6/11/18 | 11:40:14 | 1.081 | 3,70 |
| 6/11/18 | 11:40:14 | 1.080 | 3,70 |
| 6/11/18 | 11:40:14 | 2.657 | 3,70 |



|         |          |       |      |
|---------|----------|-------|------|
| 6/11/18 | 11:40:14 | 1.080 | 3,70 |
| 6/11/18 | 11:46:08 | 1.981 | 3,70 |
| 6/11/18 | 11:46:08 | 2.107 | 3,70 |
| 6/11/18 | 11:46:43 | 743   | 3,70 |
| 6/11/18 | 11:46:43 | 1.081 | 3,70 |
| 6/11/18 | 11:46:43 | 337   | 3,70 |
| 6/11/18 | 11:47:37 | 1.216 | 3,70 |
| 6/11/18 | 11:47:37 | 1.824 | 3,70 |
| 6/11/18 | 11:49:41 | 1.673 | 3,70 |
| 6/11/18 | 11:49:41 | 1.698 | 3,70 |
| 6/11/18 | 11:50:22 | 1.707 | 3,70 |
| 6/11/18 | 11:52:54 | 1.673 | 3,69 |
| 6/11/18 | 11:56:48 | 1.081 | 3,69 |
| 6/11/18 | 11:57:55 | 1.081 | 3,69 |
| 6/11/18 | 12:01:33 | 1.080 | 3,70 |
| 6/11/18 | 12:01:33 | 2.671 | 3,70 |
| 6/11/18 | 12:02:01 | 1.166 | 3,70 |
| 6/11/18 | 12:03:32 | 650   | 3,69 |
| 6/11/18 | 12:03:32 | 1.080 | 3,69 |
| 6/11/18 | 12:03:32 | 430   | 3,69 |
| 6/11/18 | 12:03:32 | 1.081 | 3,69 |
| 6/11/18 | 12:05:19 | 1.114 | 3,70 |
| 6/11/18 | 12:07:03 | 1.081 | 3,69 |
| 6/11/18 | 12:07:03 | 1.682 | 3,69 |
| 6/11/18 | 12:07:03 | 1.122 | 3,69 |
| 6/11/18 | 12:07:03 | 1.645 | 3,69 |
| 6/11/18 | 12:07:05 | 1.507 | 3,69 |
| 6/11/18 | 12:07:05 | 788   | 3,69 |
| 6/11/18 | 12:09:08 | 1.666 | 3,69 |
| 6/11/18 | 12:09:08 | 1.175 | 3,69 |
| 6/11/18 | 12:09:08 | 1.285 | 3,69 |
| 6/11/18 | 12:11:27 | 1.707 | 3,69 |
| 6/11/18 | 12:11:36 | 1.643 | 3,69 |
| 6/11/18 | 12:11:52 | 1.435 | 3,69 |
| 6/11/18 | 12:11:52 | 1.661 | 3,69 |
| 6/11/18 | 12:11:57 | 30    | 3,69 |
| 6/11/18 | 12:11:57 | 1.999 | 3,69 |



|         |          |       |      |
|---------|----------|-------|------|
| 6/11/18 | 12:12:38 | 46    | 3,68 |
| 6/11/18 | 12:12:57 | 1.656 | 3,68 |
| 6/11/18 | 12:16:08 | 1.652 | 3,68 |
| 6/11/18 | 12:16:08 | 1.081 | 3,68 |
| 6/11/18 | 12:16:08 | 1.688 | 3,68 |
| 6/11/18 | 12:17:16 | 1.643 | 3,68 |
| 6/11/18 | 12:18:54 | 1.700 | 3,68 |
| 6/11/18 | 12:19:49 | 1.657 | 3,68 |
| 6/11/18 | 12:19:49 | 1.668 | 3,68 |
| 6/11/18 | 12:19:49 | 54    | 3,68 |
| 6/11/18 | 12:21:09 | 1.110 | 3,68 |
| 6/11/18 | 12:22:45 | 1.599 | 3,68 |
| 6/11/18 | 12:26:14 | 1.929 | 3,68 |
| 6/11/18 | 12:26:48 | 2.115 | 3,68 |
| 6/11/18 | 12:26:48 | 1.679 | 3,68 |
| 6/11/18 | 12:26:48 | 1.080 | 3,68 |
| 6/11/18 | 12:26:48 | 730   | 3,68 |
| 6/11/18 | 12:31:42 | 1.081 | 3,68 |
| 6/11/18 | 12:32:02 | 600   | 3,68 |
| 6/11/18 | 12:32:02 | 1.041 | 3,68 |
| 6/11/18 | 12:32:02 | 1.081 | 3,68 |
| 6/11/18 | 12:32:45 | 2.189 | 3,68 |
| 6/11/18 | 12:32:45 | 1.081 | 3,68 |
| 6/11/18 | 12:38:05 | 2.085 | 3,68 |
| 6/11/18 | 12:38:05 | 574   | 3,68 |
| 6/11/18 | 12:39:32 | 1.080 | 3,69 |
| 6/11/18 | 12:41:21 | 2.222 | 3,69 |
| 6/11/18 | 12:41:21 | 1.081 | 3,69 |
| 6/11/18 | 12:41:21 | 1.589 | 3,69 |
| 6/11/18 | 12:41:21 | 716   | 3,69 |
| 6/11/18 | 12:41:21 | 1.307 | 3,69 |
| 6/11/18 | 12:42:35 | 1.526 | 3,68 |
| 6/11/18 | 12:42:36 | 562   | 3,68 |
| 6/11/18 | 12:42:37 | 519   | 3,68 |
| 6/11/18 | 12:46:16 | 242   | 3,69 |
| 6/11/18 | 12:46:16 | 1.628 | 3,69 |
| 6/11/18 | 12:46:46 | 1.080 | 3,69 |



|         |          |       |      |
|---------|----------|-------|------|
| 6/11/18 | 12:46:46 | 1.083 | 3,68 |
| 6/11/18 | 12:46:46 | 705   | 3,68 |
| 6/11/18 | 12:47:06 | 1.666 | 3,68 |
| 6/11/18 | 12:53:28 | 1.674 | 3,69 |
| 6/11/18 | 12:53:28 | 2.221 | 3,69 |
| 6/11/18 | 12:53:28 | 1.472 | 3,69 |
| 6/11/18 | 12:53:28 | 2.133 | 3,69 |
| 6/11/18 | 12:54:11 | 1.082 | 3,69 |
| 6/11/18 | 12:54:11 | 1.080 | 3,69 |
| 6/11/18 | 12:59:17 | 503   | 3,69 |
| 6/11/18 | 13:01:23 | 1.080 | 3,69 |
| 6/11/18 | 13:01:31 | 1.420 | 3,69 |
| 6/11/18 | 13:01:31 | 191   | 3,69 |
| 6/11/18 | 13:01:53 | 1.080 | 3,69 |
| 6/11/18 | 13:01:53 | 1.362 | 3,69 |
| 6/11/18 | 13:01:53 | 4.233 | 3,69 |
| 6/11/18 | 13:03:53 | 1.081 | 3,69 |
| 6/11/18 | 13:03:53 | 812   | 3,69 |
| 6/11/18 | 13:05:03 | 1.645 | 3,69 |
| 6/11/18 | 13:08:36 | 80    | 3,69 |
| 6/11/18 | 13:08:42 | 2.191 | 3,69 |
| 6/11/18 | 13:08:58 | 1.080 | 3,69 |
| 6/11/18 | 13:08:58 | 1.667 | 3,69 |
| 6/11/18 | 13:09:16 | 1.151 | 3,69 |
| 6/11/18 | 13:09:16 | 268   | 3,69 |
| 6/11/18 | 13:09:16 | 1.080 | 3,69 |
| 6/11/18 | 13:16:12 | 264   | 3,69 |
| 6/11/18 | 13:16:24 | 817   | 3,69 |
| 6/11/18 | 13:16:34 | 1.080 | 3,69 |
| 6/11/18 | 13:16:34 | 2.182 | 3,69 |
| 6/11/18 | 13:19:58 | 601   | 3,69 |
| 6/11/18 | 13:19:58 | 1     | 3,69 |
| 6/11/18 | 13:19:58 | 1.423 | 3,69 |
| 6/11/18 | 13:20:07 | 1.667 | 3,69 |
| 6/11/18 | 13:20:07 | 1.080 | 3,69 |
| 6/11/18 | 13:20:07 | 1.080 | 3,69 |
| 6/11/18 | 13:20:07 | 1.082 | 3,69 |



|         |          |       |      |
|---------|----------|-------|------|
| 6/11/18 | 13:20:07 | 1.080 | 3,69 |
| 6/11/18 | 13:20:07 | 1.081 | 3,69 |
| 6/11/18 | 13:21:07 | 212   | 3,68 |
| 6/11/18 | 13:21:09 | 466   | 3,68 |
| 6/11/18 | 13:21:32 | 1.241 | 3,68 |
| 6/11/18 | 13:21:58 | 840   | 3,68 |
| 6/11/18 | 13:23:15 | 926   | 3,68 |
| 6/11/18 | 13:23:15 | 1.024 | 3,68 |
| 6/11/18 | 13:23:15 | 650   | 3,68 |
| 6/11/18 | 13:23:15 | 113   | 3,68 |
| 6/11/18 | 13:23:41 | 1.744 | 3,68 |
| 6/11/18 | 13:29:53 | 141   | 3,68 |
| 6/11/18 | 13:30:07 | 2.022 | 3,68 |
| 6/11/18 | 13:30:07 | 1.080 | 3,68 |
| 6/11/18 | 13:30:07 | 1.080 | 3,68 |
| 6/11/18 | 13:30:20 | 1.299 | 3,68 |
| 6/11/18 | 13:30:20 | 82    | 3,68 |
| 6/11/18 | 13:30:20 | 1.475 | 3,68 |
| 6/11/18 | 13:30:20 | 367   | 3,68 |
| 6/11/18 | 13:30:41 | 504   | 3,68 |
| 6/11/18 | 13:30:49 | 1.309 | 3,68 |
| 6/11/18 | 13:30:49 | 511   | 3,68 |
| 6/11/18 | 13:30:49 | 641   | 3,68 |
| 6/11/18 | 13:34:30 | 1.837 | 3,69 |
| 6/11/18 | 13:36:44 | 459   | 3,69 |
| 6/11/18 | 13:36:44 | 622   | 3,69 |
| 6/11/18 | 13:36:54 | 972   | 3,69 |
| 6/11/18 | 13:36:54 | 716   | 3,69 |
| 6/11/18 | 13:39:30 | 1.657 | 3,69 |
| 6/11/18 | 13:39:30 | 1.158 | 3,69 |
| 6/11/18 | 13:39:56 | 1.080 | 3,69 |
| 6/11/18 | 13:39:56 | 3.462 | 3,69 |
| 6/11/18 | 13:41:19 | 2.180 | 3,69 |
| 6/11/18 | 13:41:19 | 1.362 | 3,69 |
| 6/11/18 | 13:45:36 | 1.882 | 3,70 |
| 6/11/18 | 13:45:37 | 3.372 | 3,70 |
| 6/11/18 | 13:45:46 | 1.081 | 3,70 |



|         |          |       |      |
|---------|----------|-------|------|
| 6/11/18 | 13:46:24 | 1.285 | 3,70 |
| 6/11/18 | 13:48:31 | 1.323 | 3,70 |
| 6/11/18 | 13:48:31 | 1.860 | 3,70 |
| 6/11/18 | 13:48:41 | 1.175 | 3,70 |
| 6/11/18 | 13:52:29 | 2.316 | 3,70 |
| 6/11/18 | 13:53:03 | 1.878 | 3,70 |
| 6/11/18 | 13:53:21 | 2.664 | 3,70 |
| 6/11/18 | 13:53:21 | 1.081 | 3,70 |
| 6/11/18 | 13:53:21 | 2.869 | 3,70 |
| 6/11/18 | 13:53:34 | 1.724 | 3,70 |
| 6/11/18 | 13:57:25 | 557   | 3,70 |
| 6/11/18 | 13:57:25 | 525   | 3,70 |
| 6/11/18 | 13:57:26 | 1.300 | 3,70 |
| 6/11/18 | 13:57:26 | 148   | 3,70 |
| 6/11/18 | 13:57:26 | 1.103 | 3,70 |
| 6/11/18 | 13:57:26 | 502   | 3,70 |
| 6/11/18 | 13:57:26 | 760   | 3,70 |
| 6/11/18 | 13:57:31 | 952   | 3,70 |
| 6/11/18 | 13:57:31 | 68    | 3,70 |
| 6/11/18 | 13:57:31 | 698   | 3,70 |
| 6/11/18 | 14:01:46 | 1.624 | 3,70 |
| 6/11/18 | 14:02:04 | 1.987 | 3,70 |
| 6/11/18 | 14:03:03 | 508   | 3,70 |
| 6/11/18 | 14:03:03 | 843   | 3,70 |
| 6/11/18 | 14:04:03 | 72    | 3,70 |
| 6/11/18 | 14:04:03 | 1.009 | 3,70 |
| 6/11/18 | 14:04:12 | 2.865 | 3,70 |
| 6/11/18 | 14:04:12 | 87    | 3,70 |
| 6/11/18 | 14:04:12 | 1.691 | 3,70 |
| 6/11/18 | 14:04:37 | 1.081 | 3,70 |
| 6/11/18 | 14:04:37 | 1.081 | 3,70 |
| 6/11/18 | 14:07:02 | 1.095 | 3,70 |
| 6/11/18 | 14:07:02 | 1.505 | 3,70 |
| 6/11/18 | 14:07:02 | 118   | 3,70 |
| 6/11/18 | 14:12:59 | 1.080 | 3,70 |
| 6/11/18 | 14:12:59 | 1.130 | 3,70 |
| 6/11/18 | 14:13:15 | 1.400 | 3,70 |



|         |          |       |      |
|---------|----------|-------|------|
| 6/11/18 | 14:13:16 | 766   | 3,70 |
| 6/11/18 | 14:13:48 | 1.083 | 3,70 |
| 6/11/18 | 14:13:48 | 1.483 | 3,70 |
| 6/11/18 | 14:13:48 | 1.080 | 3,70 |
| 6/11/18 | 14:13:57 | 446   | 3,70 |
| 6/11/18 | 14:13:57 | 1.080 | 3,70 |
| 6/11/18 | 14:13:57 | 635   | 3,70 |
| 6/11/18 | 14:13:57 | 2.285 | 3,70 |
| 6/11/18 | 14:13:57 | 1.230 | 3,70 |
| 6/11/18 | 14:13:57 | 1.080 | 3,70 |
| 6/11/18 | 14:15:53 | 1.369 | 3,70 |
| 6/11/18 | 14:15:53 | 156   | 3,70 |
| 6/11/18 | 14:19:07 | 367   | 3,70 |
| 6/11/18 | 14:19:07 | 1.399 | 3,70 |
| 6/11/18 | 14:19:23 | 1.000 | 3,70 |
| 6/11/18 | 14:19:30 | 81    | 3,70 |
| 6/11/18 | 14:19:30 | 1.114 | 3,70 |
| 6/11/18 | 14:19:30 | 1.082 | 3,70 |
| 6/11/18 | 14:19:45 | 1.525 | 3,70 |
| 6/11/18 | 14:23:38 | 1.082 | 3,71 |
| 6/11/18 | 14:24:27 | 1.081 | 3,71 |
| 6/11/18 | 14:25:42 | 500   | 3,71 |
| 6/11/18 | 14:25:42 | 2.279 | 3,71 |
| 6/11/18 | 14:26:18 | 1.080 | 3,71 |
| 6/11/18 | 14:26:47 | 1.695 | 3,71 |
| 6/11/18 | 14:28:58 | 1.645 | 3,71 |
| 6/11/18 | 14:32:29 | 3.531 | 3,71 |
| 6/11/18 | 14:33:01 | 1.637 | 3,70 |
| 6/11/18 | 14:34:13 | 1.647 | 3,70 |
| 6/11/18 | 14:34:21 | 1.082 | 3,70 |
| 6/11/18 | 14:34:21 | 1.475 | 3,70 |
| 6/11/18 | 14:34:21 | 1.855 | 3,70 |
| 6/11/18 | 14:34:21 | 2.931 | 3,70 |
| 6/11/18 | 14:34:21 | 1.082 | 3,70 |
| 6/11/18 | 14:34:21 | 1.083 | 3,70 |
| 6/11/18 | 14:34:35 | 1.082 | 3,70 |
| 6/11/18 | 14:34:35 | 160   | 3,70 |



|         |          |       |      |
|---------|----------|-------|------|
| 6/11/18 | 14:34:35 | 183   | 3,70 |
| 6/11/18 | 14:34:35 | 737   | 3,70 |
| 6/11/18 | 14:35:54 | 1.188 | 3,70 |
| 6/11/18 | 14:36:07 | 1.083 | 3,70 |
| 6/11/18 | 14:37:34 | 1.695 | 3,70 |
| 6/11/18 | 14:37:34 | 1.084 | 3,70 |
| 6/11/18 | 14:37:34 | 1.717 | 3,70 |
| 6/11/18 | 14:37:47 | 346   | 3,70 |
| 6/11/18 | 14:37:47 | 1.019 | 3,70 |
| 6/11/18 | 14:38:05 | 650   | 3,70 |
| 6/11/18 | 14:38:05 | 951   | 3,70 |
| 6/11/18 | 14:40:51 | 1.804 | 3,70 |
| 6/11/18 | 14:40:51 | 593   | 3,70 |
| 6/11/18 | 14:40:51 | 3.728 | 3,70 |
| 6/11/18 | 14:42:20 | 2.147 | 3,70 |
| 6/11/18 | 14:43:15 | 1.619 | 3,71 |
| 6/11/18 | 14:45:30 | 1.692 | 3,71 |
| 6/11/18 | 14:46:14 | 1.683 | 3,71 |
| 6/11/18 | 14:49:41 | 1.085 | 3,71 |
| 6/11/18 | 14:49:44 | 1.637 | 3,71 |
| 6/11/18 | 14:49:44 | 1.080 | 3,71 |
| 6/11/18 | 14:51:14 | 1.639 | 3,71 |
| 6/11/18 | 14:52:18 | 1.648 | 3,71 |
| 6/11/18 | 14:54:39 | 1.033 | 3,71 |
| 6/11/18 | 14:54:39 | 663   | 3,71 |
| 6/11/18 | 14:55:22 | 1.253 | 3,71 |
| 6/11/18 | 14:56:39 | 441   | 3,71 |
| 6/11/18 | 14:56:39 | 1.273 | 3,71 |
| 6/11/18 | 14:58:05 | 1.445 | 3,70 |
| 6/11/18 | 14:59:06 | 1.762 | 3,70 |
| 6/11/18 | 15:00:28 | 1.308 | 3,71 |
| 6/11/18 | 15:03:25 | 1.992 | 3,70 |
| 6/11/18 | 15:04:49 | 1.923 | 3,70 |
| 6/11/18 | 15:04:49 | 117   | 3,70 |
| 6/11/18 | 15:05:31 | 1.668 | 3,70 |
| 6/11/18 | 15:05:31 | 1.081 | 3,70 |
| 6/11/18 | 15:05:31 | 1.086 | 3,70 |



|         |          |       |      |
|---------|----------|-------|------|
| 6/11/18 | 15:07:01 | 1.667 | 3,70 |
| 6/11/18 | 15:10:01 | 4     | 3,70 |
| 6/11/18 | 15:10:06 | 1.080 | 3,71 |
| 6/11/18 | 15:10:47 | 1.080 | 3,71 |
| 6/11/18 | 15:11:44 | 1.080 | 3,71 |
| 6/11/18 | 15:12:03 | 1.087 | 3,71 |
| 6/11/18 | 15:12:52 | 88    | 3,71 |
| 6/11/18 | 15:13:18 | 995   | 3,71 |
| 6/11/18 | 15:13:18 | 3.447 | 3,71 |
| 6/11/18 | 15:13:51 | 1.638 | 3,71 |
| 6/11/18 | 15:14:34 | 1.742 | 3,71 |
| 6/11/18 | 15:17:47 | 1.500 | 3,71 |
| 6/11/18 | 15:17:47 | 143   | 3,71 |
| 6/11/18 | 15:17:47 | 999   | 3,71 |
| 6/11/18 | 15:17:47 | 82    | 3,71 |
| 6/11/18 | 15:18:25 | 1.778 | 3,70 |
| 6/11/18 | 15:21:36 | 1.730 | 3,70 |
| 6/11/18 | 15:21:36 | 186   | 3,70 |
| 6/11/18 | 15:22:55 | 1.928 | 3,70 |
| 6/11/18 | 15:24:02 | 1.085 | 3,70 |
| 6/11/18 | 15:24:02 | 1.083 | 3,70 |
| 6/11/18 | 15:25:11 | 1.080 | 3,71 |
| 6/11/18 | 15:26:38 | 781   | 3,71 |
| 6/11/18 | 15:26:38 | 1.427 | 3,71 |
| 6/11/18 | 15:26:55 | 1.441 | 3,70 |
| 6/11/18 | 15:26:55 | 1.081 | 3,70 |
| 6/11/18 | 15:26:55 | 1.085 | 3,70 |
| 6/11/18 | 15:29:25 | 1.005 | 3,70 |
| 6/11/18 | 15:29:53 | 7.313 | 3,70 |
| 6/11/18 | 15:29:53 | 8.186 | 3,70 |
| 6/11/18 | 15:29:53 | 6.736 | 3,70 |
| 6/11/18 | 15:29:53 | 6.785 | 3,70 |
| 6/11/18 | 15:29:53 | 6.296 | 3,70 |
| 6/11/18 | 15:29:53 | 6.718 | 3,70 |
| 6/11/18 | 15:29:53 | 1.678 | 3,70 |
| 6/11/18 | 15:29:53 | 1.084 | 3,70 |
| 6/11/18 | 15:29:53 | 433   | 3,70 |



|         |          |       |      |
|---------|----------|-------|------|
| 6/11/18 | 15:29:53 | 1.248 | 3,70 |
| 6/11/18 | 15:29:57 | 819   | 3,70 |
| 6/11/18 | 15:29:57 | 1.480 | 3,70 |
| 6/11/18 | 15:29:59 | 729   | 3,70 |
| 6/11/18 | 15:29:59 | 766   | 3,70 |
| 6/11/18 | 15:30:05 | 756   | 3,70 |
| 6/11/18 | 15:30:05 | 2.860 | 3,70 |
| 6/11/18 | 15:30:05 | 983   | 3,70 |
| 6/11/18 | 15:30:05 | 180   | 3,70 |
| 6/11/18 | 15:30:16 | 2.681 | 3,70 |
| 6/11/18 | 15:30:16 | 354   | 3,70 |
| 6/11/18 | 15:30:16 | 1.043 | 3,70 |
| 6/11/18 | 15:31:04 | 2.428 | 3,70 |
| 6/11/18 | 15:31:44 | 1.639 | 3,70 |
| 6/11/18 | 15:32:32 | 2.650 | 3,70 |
| 6/11/18 | 15:32:32 | 1.666 | 3,70 |
| 6/11/18 | 15:32:32 | 1.425 | 3,70 |
| 6/11/18 | 15:32:32 | 1.690 | 3,70 |
| 6/11/18 | 15:32:48 | 1.723 | 3,70 |
| 6/11/18 | 15:33:30 | 3.198 | 3,70 |
| 6/11/18 | 15:33:35 | 22    | 3,70 |
| 6/11/18 | 15:33:35 | 1.267 | 3,70 |
| 6/11/18 | 15:33:49 | 1.739 | 3,70 |
| 6/11/18 | 15:33:55 | 379   | 3,70 |
| 6/11/18 | 15:34:17 | 748   | 3,70 |
| 6/11/18 | 15:34:19 | 460   | 3,70 |
| 6/11/18 | 15:35:00 | 1.646 | 3,70 |
| 6/11/18 | 15:35:00 | 1.658 | 3,70 |
| 6/11/18 | 15:36:31 | 1.180 | 3,70 |
| 6/11/18 | 15:36:31 | 703   | 3,70 |
| 6/11/18 | 15:36:31 | 1.083 | 3,70 |
| 6/11/18 | 15:36:31 | 1.114 | 3,70 |
| 6/11/18 | 15:36:46 | 1.849 | 3,70 |
| 6/11/18 | 15:36:59 | 1.649 | 3,69 |
| 6/11/18 | 15:38:01 | 1.453 | 3,70 |
| 6/11/18 | 15:38:01 | 1.731 | 3,70 |
| 6/11/18 | 15:38:25 | 739   | 3,69 |



|         |          |       |      |
|---------|----------|-------|------|
| 6/11/18 | 15:38:25 | 221   | 3,69 |
| 6/11/18 | 15:38:25 | 661   | 3,69 |
| 6/11/18 | 15:39:09 | 1.606 | 3,69 |
| 6/11/18 | 15:39:09 | 1.702 | 3,69 |
| 6/11/18 | 15:41:14 | 1.849 | 3,69 |
| 6/11/18 | 15:41:14 | 1.092 | 3,69 |
| 6/11/18 | 15:41:14 | 2.100 | 3,69 |
| 6/11/18 | 15:42:16 | 1.201 | 3,69 |
| 6/11/18 | 15:42:16 | 650   | 3,69 |
| 6/11/18 | 15:43:49 | 761   | 3,70 |
| 6/11/18 | 15:43:49 | 484   | 3,70 |
| 6/11/18 | 15:43:49 | 291   | 3,70 |
| 6/11/18 | 15:43:49 | 1.660 | 3,70 |
| 6/11/18 | 15:43:54 | 42    | 3,69 |
| 6/11/18 | 15:43:54 | 358   | 3,69 |
| 6/11/18 | 15:43:55 | 806   | 3,69 |
| 6/11/18 | 15:43:55 | 1.042 | 3,69 |
| 6/11/18 | 15:43:55 | 1.307 | 3,69 |
| 6/11/18 | 15:43:55 | 1.276 | 3,69 |
| 6/11/18 | 15:43:55 | 1.081 | 3,69 |
| 6/11/18 | 15:43:59 | 1.081 | 3,69 |
| 6/11/18 | 15:45:46 | 1.693 | 3,69 |
| 6/11/18 | 15:45:46 | 1.038 | 3,69 |
| 6/11/18 | 15:45:46 | 1.584 | 3,69 |
| 6/11/18 | 15:45:46 | 1.086 | 3,69 |
| 6/11/18 | 15:45:46 | 45    | 3,69 |
| 6/11/18 | 15:46:20 | 802   | 3,69 |
| 6/11/18 | 15:46:20 | 1.148 | 3,69 |
| 6/11/18 | 15:46:20 | 650   | 3,69 |
| 6/11/18 | 15:47:17 | 177   | 3,69 |
| 6/11/18 | 15:47:17 | 1.533 | 3,69 |
| 6/11/18 | 15:47:17 | 5     | 3,69 |
| 6/11/18 | 15:47:17 | 1.616 | 3,69 |
| 6/11/18 | 15:48:09 | 1.065 | 3,69 |
| 6/11/18 | 15:48:41 | 18    | 3,69 |
| 6/11/18 | 15:48:41 | 1.080 | 3,69 |
| 6/11/18 | 15:48:41 | 1.497 | 3,69 |



|         |          |       |      |
|---------|----------|-------|------|
| 6/11/18 | 15:48:49 | 1.300 | 3,69 |
| 6/11/18 | 15:49:13 | 447   | 3,69 |
| 6/11/18 | 15:49:13 | 250   | 3,69 |
| 6/11/18 | 15:51:04 | 2.300 | 3,69 |
| 6/11/18 | 15:51:04 | 515   | 3,69 |
| 6/11/18 | 15:51:07 | 565   | 3,69 |
| 6/11/18 | 15:51:07 | 1.385 | 3,69 |
| 6/11/18 | 15:51:07 | 1.880 | 3,69 |
| 6/11/18 | 15:51:07 | 823   | 3,69 |
| 6/11/18 | 15:51:07 | 1.324 | 3,69 |
| 6/11/18 | 15:51:13 | 1.080 | 3,69 |
| 6/11/18 | 15:52:41 | 1.080 | 3,70 |
| 6/11/18 | 15:53:46 | 801   | 3,70 |
| 6/11/18 | 15:54:17 | 921   | 3,70 |
| 6/11/18 | 15:54:28 | 611   | 3,70 |
| 6/11/18 | 15:54:28 | 831   | 3,70 |
| 6/11/18 | 15:54:28 | 598   | 3,70 |
| 6/11/18 | 15:54:28 | 469   | 3,70 |
| 6/11/18 | 15:54:33 | 1.650 | 3,70 |
| 6/11/18 | 15:55:03 | 850   | 3,70 |
| 6/11/18 | 15:55:03 | 86    | 3,70 |
| 6/11/18 | 15:55:03 | 209   | 3,70 |
| 6/11/18 | 15:55:26 | 1.080 | 3,70 |
| 6/11/18 | 15:55:26 | 2.904 | 3,70 |
| 6/11/18 | 15:55:26 | 810   | 3,70 |
| 6/11/18 | 15:55:26 | 2.743 | 3,70 |
| 6/11/18 | 15:55:29 | 500   | 3,70 |
| 6/11/18 | 15:55:31 | 580   | 3,70 |
| 6/11/18 | 15:57:35 | 2.361 | 3,71 |
| 6/11/18 | 15:57:41 | 1.080 | 3,71 |
| 6/11/18 | 15:59:27 | 3.386 | 3,71 |
| 6/11/18 | 16:00:51 | 1.668 | 3,71 |
| 6/11/18 | 16:00:59 | 17    | 3,71 |
| 6/11/18 | 16:01:48 | 2.137 | 3,71 |
| 6/11/18 | 16:04:26 | 2.033 | 3,71 |
| 6/11/18 | 16:04:41 | 2.513 | 3,71 |
| 6/11/18 | 16:04:41 | 1.080 | 3,71 |



|         |          |       |      |
|---------|----------|-------|------|
| 6/11/18 | 16:06:04 | 2.418 | 3,71 |
| 6/11/18 | 16:06:44 | 1.425 | 3,71 |
| 6/11/18 | 16:07:22 | 1.634 | 3,71 |
| 6/11/18 | 16:08:14 | 1.673 | 3,71 |
| 6/11/18 | 16:09:01 | 1     | 3,71 |
| 6/11/18 | 16:09:01 | 1.730 | 3,71 |
| 6/11/18 | 16:09:01 | 43    | 3,71 |
| 6/11/18 | 16:11:29 | 2.319 | 3,71 |
| 6/11/18 | 16:11:33 | 3.402 | 3,71 |
| 6/11/18 | 16:11:33 | 56    | 3,71 |
| 6/11/18 | 16:14:01 | 1.089 | 3,72 |
| 6/11/18 | 16:14:14 | 100   | 3,71 |
| 6/11/18 | 16:14:14 | 2.878 | 3,71 |
| 6/11/18 | 16:14:55 | 730   | 3,72 |
| 6/11/18 | 16:14:57 | 1.129 | 3,72 |
| 6/11/18 | 16:16:40 | 1.138 | 3,72 |
| 6/11/18 | 16:16:40 | 623   | 3,72 |
| 6/11/18 | 16:17:26 | 1.741 | 3,72 |
| 6/11/18 | 16:17:51 | 2.172 | 3,72 |
| 6/11/18 | 16:17:58 | 1.080 | 3,72 |
| 6/11/18 | 16:19:09 | 1.165 | 3,72 |
| 6/11/18 | 16:19:09 | 3.013 | 3,72 |
| 6/11/18 | 16:19:39 | 1.285 | 3,72 |
| 6/11/18 | 16:20:09 | 1.763 | 3,72 |
| 6/11/18 | 16:21:36 | 1.639 | 3,72 |
| 6/11/18 | 16:21:36 | 1.056 | 3,72 |
| 6/11/18 | 16:21:57 | 32    | 3,72 |
| 6/11/18 | 16:21:57 | 1.814 | 3,72 |
| 6/11/18 | 16:22:37 | 1.730 | 3,72 |
| 6/11/18 | 16:23:46 | 3.303 | 3,72 |
| 6/11/18 | 16:24:37 | 517   | 3,72 |
| 6/11/18 | 16:24:37 | 84    | 3,72 |
| 6/11/18 | 16:24:38 | 479   | 3,72 |
| 6/11/18 | 16:24:58 | 1.358 | 3,72 |