

Each transaction relating to the buy-back programme in shares of Siemens AG with ISIN DE0007236101 by Goldman Sachs International according to Art. 5 sec. 3 MAR in conjunction with Art. 26 sec. 1, 2 and 3 MIFIR
 In red colour are the fields according to Table 2 of Annex I of Del. Regulation (EU) 2017/590

| | Trading date time according to field 28 | Quantity according to field 30 | Price according to field 33 | Price Currency according to field 34 | Venue according to field 36 |
|--------------------------|---|--------------------------------|-----------------------------|--------------------------------------|-----------------------------|
| Aggregation 24Jun19 XETA | | 22,281 | 106.14036 | EUR | XETA |
| | 24-06-19 08:44:01.429299 CET | 110 | 106.1 | EUR | XETA |
| | 24-06-19 08:44:01.429378 CET | 388 | 106.1 | EUR | XETA |
| | 24-06-19 08:46:06.975460 CET | 351 | 106.04 | EUR | XETA |
| | 24-06-19 08:46:12.322723 CET | 219 | 105.98 | EUR | XETA |
| | 24-06-19 08:50:39.531307 CET | 87 | 105.98 | EUR | XETA |
| | 24-06-19 08:50:39.531478 CET | 10 | 105.98 | EUR | XETA |
| | 24-06-19 08:50:39.531538 CET | 140 | 105.98 | EUR | XETA |
| | 24-06-19 08:55:59.163231 CET | 341 | 106.02 | EUR | XETA |
| | 24-06-19 08:59:28.794791 CET | 188 | 105.94 | EUR | XETA |
| | 24-06-19 09:12:50.459716 CET | 80 | 106.06 | EUR | XETA |
| | 24-06-19 09:13:56.553833 CET | 247 | 106.12 | EUR | XETA |
| | 24-06-19 09:15:56.144295 CET | 212 | 106.1 | EUR | XETA |
| | 24-06-19 09:19:57.456450 CET | 248 | 106.06 | EUR | XETA |
| | 24-06-19 09:27:13.548661 CET | 85 | 106.14 | EUR | XETA |
| | 24-06-19 09:33:12.386032 CET | 269 | 106.26 | EUR | XETA |
| | 24-06-19 09:34:26.634220 CET | 200 | 106.2 | EUR | XETA |
| | 24-06-19 09:34:26.634220 CET | 83 | 106.22 | EUR | XETA |
| | 24-06-19 09:43:00.5354 CET | 234 | 106.26 | EUR | XETA |
| | 24-06-19 09:47:39.948176 CET | 16 | 106.26 | EUR | XETA |
| | 24-06-19 09:48:10.730681 CET | 130 | 106.26 | EUR | XETA |
| | 24-06-19 09:53:14.55413 CET | 297 | 106.36 | EUR | XETA |
| | 24-06-19 09:57:33.640723 CET | 6 | 106.44 | EUR | XETA |
| | 24-06-19 09:57:33.640779 CET | 253 | 106.44 | EUR | XETA |
| | 24-06-19 10:03:50.121558 CET | 236 | 106.38 | EUR | XETA |
| | 24-06-19 10:03:50.121655 CET | 135 | 106.38 | EUR | XETA |
| | 24-06-19 10:08:34.123735 CET | 222 | 106.42 | EUR | XETA |
| | 24-06-19 10:15:45.453672 CET | 239 | 106.32 | EUR | XETA |
| | 24-06-19 10:18:52.230918 CET | 212 | 106.32 | EUR | XETA |
| | 24-06-19 10:26:38.181334 CET | 301 | 106.24 | EUR | XETA |
| | 24-06-19 10:34:09.157831 CET | 56 | 106.14 | EUR | XETA |
| | 24-06-19 10:36:32.784175 CET | 305 | 106.18 | EUR | XETA |
| | 24-06-19 10:40:12.669473 CET | 334 | 106.22 | EUR | XETA |
| | 24-06-19 10:48:41.242263 CET | 245 | 106.28 | EUR | XETA |
| | 24-06-19 10:54:03.64187 CET | 221 | 106.3 | EUR | XETA |
| | 24-06-19 10:57:24.278688 CET | 292 | 106.28 | EUR | XETA |
| | 24-06-19 11:06:58.497214 CET | 71 | 106.32 | EUR | XETA |
| | 24-06-19 11:08:32.113278 CET | 242 | 106.34 | EUR | XETA |
| | 24-06-19 11:10:04.108700 CET | 213 | 106.32 | EUR | XETA |
| | 24-06-19 11:17:24.213479 CET | 23 | 106.36 | EUR | XETA |
| | 24-06-19 11:17:24.296482 CET | 33 | 106.36 | EUR | XETA |
| | 24-06-19 11:20:10.328347 CET | 220 | 106.38 | EUR | XETA |
| | 24-06-19 11:21:22.390418 CET | 264 | 106.3 | EUR | XETA |
| | 24-06-19 11:30:45.810180 CET | 243 | 106.26 | EUR | XETA |
| | 24-06-19 11:38:44.352411 CET | 244 | 106.3 | EUR | XETA |
| | 24-06-19 11:46:25.640001 CET | 222 | 106.32 | EUR | XETA |
| | 24-06-19 11:51:53.292262 CET | 252 | 106.3 | EUR | XETA |
| | 24-06-19 12:02:09.398510 CET | 402 | 106.3 | EUR | XETA |
| | 24-06-19 12:15:09.589496 CET | 139 | 106.26 | EUR | XETA |
| | 24-06-19 12:15:09.589574 CET | 192 | 106.26 | EUR | XETA |
| | 24-06-19 12:15:09.589635 CET | 80 | 106.26 | EUR | XETA |
| | 24-06-19 12:15:09.589680 CET | 91 | 106.26 | EUR | XETA |
| | 24-06-19 12:27:47.769665 CET | 190 | 106.12 | EUR | XETA |
| | 24-06-19 12:32:40.211685 CET | 231 | 106.12 | EUR | XETA |
| | 24-06-19 12:36:21.267921 CET | 272 | 106.12 | EUR | XETA |
| | 24-06-19 12:48:27.559394 CET | 331 | 106.1 | EUR | XETA |
| | 24-06-19 12:53:48.510476 CET | 221 | 106.14 | EUR | XETA |
| | 24-06-19 13:02:15.226418 CET | 392 | 106.08 | EUR | XETA |
| | 24-06-19 13:14:08.952980 CET | 210 | 106.12 | EUR | XETA |
| | 24-06-19 13:14:08.953136 CET | 49 | 106.12 | EUR | XETA |
| | 24-06-19 13:22:56.910852 CET | 127 | 106.04 | EUR | XETA |
| | 24-06-19 13:24:19.190304 CET | 230 | 106.08 | EUR | XETA |
| | 24-06-19 13:29:16.693776 CET | 220 | 106.06 | EUR | XETA |
| | 24-06-19 13:32:35.875371 CET | 237 | 106.1 | EUR | XETA |
| | 24-06-19 13:36:31.290725 CET | 328 | 106.06 | EUR | XETA |
| | 24-06-19 13:42:16.997023 CET | 175 | 106.1 | EUR | XETA |
| | 24-06-19 13:44:48.685091 CET | 283 | 106.08 | EUR | XETA |
| | 24-06-19 13:53:42.988080 CET | 218 | 106.06 | EUR | XETA |
| | 24-06-19 13:57:49.59075 CET | 231 | 106.04 | EUR | XETA |
| | 24-06-19 14:02:17.173140 CET | 103 | 106.08 | EUR | XETA |
| | 24-06-19 14:02:17.175195 CET | 128 | 106.08 | EUR | XETA |
| | 24-06-19 14:03:39.176320 CET | 262 | 106.08 | EUR | XETA |
| | 24-06-19 14:12:22.690314 CET | 57 | 106.18 | EUR | XETA |
| | 24-06-19 14:12:22.690413 CET | 64 | 106.18 | EUR | XETA |
| | 24-06-19 14:12:22.690542 CET | 105 | 106.18 | EUR | XETA |
| | 24-06-19 14:16:46.304127 CET | 55 | 106.08 | EUR | XETA |
| | 24-06-19 14:19:18.53507 CET | 222 | 106.08 | EUR | XETA |
| | 24-06-19 14:24:21.33697 CET | 125 | 106 | EUR | XETA |
| | 24-06-19 14:28:00.139719 CET | 256 | 106.06 | EUR | XETA |
| | 24-06-19 14:31:53.625199 CET | 86 | 106.06 | EUR | XETA |
| | 24-06-19 14:31:53.627006 CET | 138 | 106.06 | EUR | XETA |
| | 24-06-19 14:35:04.234200 CET | 237 | 105.98 | EUR | XETA |
| | 24-06-19 14:38:42.379293 CET | 241 | 105.92 | EUR | XETA |
| | 24-06-19 14:41:41.174097 CET | 258 | 106.02 | EUR | XETA |
| | 24-06-19 14:45:24.124160 CET | 255 | 105.98 | EUR | XETA |
| | 24-06-19 14:48:04.187190 CET | 207 | 106 | EUR | XETA |
| | 24-06-19 14:52:20.252770 CET | 17 | 105.98 | EUR | XETA |
| | 24-06-19 14:52:20.252821 CET | 184 | 105.98 | EUR | XETA |
| | 24-06-19 14:52:20.252956 CET | 19 | 105.98 | EUR | XETA |
| | 24-06-19 14:55:44.723120 CET | 336 | 105.94 | EUR | XETA |
| | 24-06-19 15:01:54.718729 CET | 121 | 105.96 | EUR | XETA |
| | 24-06-19 15:03:43.200467 CET | 106 | 105.94 | EUR | XETA |
| | 24-06-19 15:03:43.200599 CET | 227 | 105.94 | EUR | XETA |
| | 24-06-19 15:07:20.466769 CET | 282 | 106.06 | EUR | XETA |
| | 24-06-19 15:11:57.413818 CET | 99 | 106.1 | EUR | XETA |
| | 24-06-19 15:13:12.319684 CET | 209 | 106.14 | EUR | XETA |
| | 24-06-19 15:17:18.431330 CET | 37 | 106.14 | EUR | XETA |
| | 24-06-19 15:18:32.778882 CET | 279 | 106.2 | EUR | XETA |
| | 24-06-19 15:20:37.564604 CET | 69 | 106.16 | EUR | XETA |
| | 24-06-19 15:20:37.567674 CET | 92 | 106.16 | EUR | XETA |

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|------------------------------|-----|--------|-----|------|
| 24-06-19 15:20:37.567777 CET | 107 | 106.16 | EUR | XETA |
| 24-06-19 15:26:01.696260 CET | 239 | 106.16 | EUR | XETA |
| 24-06-19 15:29:46.601877 CET | 263 | 106.16 | EUR | XETA |
| 24-06-19 15:33:33.117114 CET | 76 | 106.2 | EUR | XETA |
| 24-06-19 15:33:33.117200 CET | 182 | 106.2 | EUR | XETA |
| 24-06-19 15:37:16.841300 CET | 188 | 106.16 | EUR | XETA |
| 24-06-19 15:38:55.920459 CET | 125 | 106.18 | EUR | XETA |
| 24-06-19 15:40:26.933065 CET | 424 | 106.12 | EUR | XETA |
| 24-06-19 15:47:58.666687 CET | 208 | 106.1 | EUR | XETA |
| 24-06-19 15:47:58.666786 CET | 22 | 106.1 | EUR | XETA |
| 24-06-19 15:50:53.603463 CET | 107 | 106.06 | EUR | XETA |
| 24-06-19 15:50:53.603542 CET | 133 | 106.06 | EUR | XETA |
| 24-06-19 15:54:32.299068 CET | 236 | 106.06 | EUR | XETA |
| 24-06-19 16:00:13.271239 CET | 177 | 106.02 | EUR | XETA |
| 24-06-19 16:00:13.271348 CET | 53 | 106.02 | EUR | XETA |
| 24-06-19 16:03:04.480104 CET | 234 | 106.04 | EUR | XETA |
| 24-06-19 16:07:08.525267 CET | 264 | 106.06 | EUR | XETA |
| 24-06-19 16:12:09.210431 CET | 316 | 105.94 | EUR | XETA |
| 24-06-19 16:16:34.304830 CET | 183 | 105.92 | EUR | XETA |

Each order relating to the buy-back programme above according to Art. 5 sec. 3 MAR in conjunction with Art. 25 sec. 1 and 2 MIFIR

In red colour are the fields according to Table 2 of the Annex of Del. Regulation (EU) 2017/580; alternatively you may report the

| Date and Time according to field 9 | Segment MIC code according to field 16 | Transaction price according to field 28 | Price currency according to field 29 | Buy-sell indicator according to field 32 |
|------------------------------------|--|---|--------------------------------------|--|
| 24-06-19 08:44:01.423652 CET | XETA | 106.1 | EUR | BUYI |
| 24-06-19 08:44:01.423652 CET | XETA | 106.1 | EUR | BUYI |
| 24-06-19 08:46:06.369807 CET | XETA | 106.04 | EUR | BUYI |
| 24-06-19 08:46:09.274859 CET | XETA | 105.98 | EUR | BUYI |
| 24-06-19 08:50:38.592594 CET | XETA | 105.98 | EUR | BUYI |
| 24-06-19 08:50:38.592594 CET | XETA | 105.98 | EUR | BUYI |
| 24-06-19 08:50:38.592594 CET | XETA | 105.98 | EUR | BUYI |
| 24-06-19 08:55:47.924841 CET | XETA | 106.02 | EUR | BUYI |
| 24-06-19 08:59:28.604173 CET | XETA | 105.94 | EUR | BUYI |
| 24-06-19 09:12:49.50917 CET | XETA | 106.06 | EUR | BUYI |
| 24-06-19 09:13:53.398962 CET | XETA | 106.12 | EUR | BUYI |
| 24-06-19 09:15:53.254354 CET | XETA | 106.1 | EUR | BUYI |
| 24-06-19 09:19:57.372572 CET | XETA | 106.06 | EUR | BUYI |
| 24-06-19 09:27:13.542197 CET | XETA | 106.14 | EUR | BUYI |
| 24-06-19 09:32:48.267098 CET | XETA | 106.26 | EUR | BUYI |
| 24-06-19 09:34:26.628587 CET | XETA | 106.2 | EUR | BUYI |
| 24-06-19 09:34:26.628587 CET | XETA | 106.22 | EUR | BUYI |
| 24-06-19 09:42:50.406697 CET | XETA | 106.26 | EUR | BUYI |
| 24-06-19 09:47:06.537047 CET | XETA | 106.26 | EUR | BUYI |
| 24-06-19 09:47:06.537047 CET | XETA | 106.26 | EUR | BUYI |
| 24-06-19 09:53:14.6706 CET | XETA | 106.36 | EUR | BUYI |
| 24-06-19 09:57:05.999158 CET | XETA | 106.44 | EUR | BUYI |
| 24-06-19 09:57:05.999158 CET | XETA | 106.44 | EUR | BUYI |
| 24-06-19 10:03:50.115985 CET | XETA | 106.38 | EUR | BUYI |
| 24-06-19 10:03:50.115985 CET | XETA | 106.38 | EUR | BUYI |
| 24-06-19 10:08:00.201154 CET | XETA | 106.42 | EUR | BUYI |
| 24-06-19 10:15:45.447725 CET | XETA | 106.32 | EUR | BUYI |
| 24-06-19 10:18:36.331584 CET | XETA | 106.32 | EUR | BUYI |
| 24-06-19 10:26:38.175585 CET | XETA | 106.24 | EUR | BUYI |
| 24-06-19 10:33:37.59436 CET | XETA | 106.14 | EUR | BUYI |
| 24-06-19 10:36:10.344466 CET | XETA | 106.18 | EUR | BUYI |
| 24-06-19 10:40:04.284783 CET | XETA | 106.22 | EUR | BUYI |
| 24-06-19 10:48:25.724950 CET | XETA | 106.28 | EUR | BUYI |
| 24-06-19 10:53:53.556410 CET | XETA | 106.3 | EUR | BUYI |
| 24-06-19 10:57:02.319647 CET | XETA | 106.28 | EUR | BUYI |
| 24-06-19 11:06:57.907641 CET | XETA | 106.32 | EUR | BUYI |
| 24-06-19 11:08:08.821030 CET | XETA | 106.34 | EUR | BUYI |
| 24-06-19 11:09:47.897773 CET | XETA | 106.32 | EUR | BUYI |
| 24-06-19 11:17:16.725588 CET | XETA | 106.36 | EUR | BUYI |
| 24-06-19 11:17:16.725588 CET | XETA | 106.36 | EUR | BUYI |
| 24-06-19 11:20:02.661996 CET | XETA | 106.38 | EUR | BUYI |
| 24-06-19 11:21:22.1488 CET | XETA | 106.3 | EUR | BUYI |
| 24-06-19 11:30:45.803861 CET | XETA | 106.26 | EUR | BUYI |
| 24-06-19 11:38:38.237 CET | XETA | 106.3 | EUR | BUYI |
| 24-06-19 11:46:19.86786 CET | XETA | 106.32 | EUR | BUYI |
| 24-06-19 11:51:33.999286 CET | XETA | 106.3 | EUR | BUYI |
| 24-06-19 12:02:09.392692 CET | XETA | 106.3 | EUR | BUYI |
| 24-06-19 12:14:35.55225 CET | XETA | 106.26 | EUR | BUYI |
| 24-06-19 12:14:35.55225 CET | XETA | 106.26 | EUR | BUYI |
| 24-06-19 12:14:35.55225 CET | XETA | 106.26 | EUR | BUYI |
| 24-06-19 12:14:35.55225 CET | XETA | 106.26 | EUR | BUYI |
| 24-06-19 12:27:22.460000 CET | XETA | 106.12 | EUR | BUYI |
| 24-06-19 12:31:41.228202 CET | XETA | 106.12 | EUR | BUYI |
| 24-06-19 12:36:03.891761 CET | XETA | 106.12 | EUR | BUYI |
| 24-06-19 12:47:49.116918 CET | XETA | 106.1 | EUR | BUYI |
| 24-06-19 12:53:45.333160 CET | XETA | 106.14 | EUR | BUYI |
| 24-06-19 13:01:32.950158 CET | XETA | 106.08 | EUR | BUYI |
| 24-06-19 13:13:56.114126 CET | XETA | 106.12 | EUR | BUYI |
| 24-06-19 13:13:56.114126 CET | XETA | 106.12 | EUR | BUYI |
| 24-06-19 13:22:54.286959 CET | XETA | 106.04 | EUR | BUYI |
| 24-06-19 13:23:50.217253 CET | XETA | 106.08 | EUR | BUYI |
| 24-06-19 13:29:03.504591 CET | XETA | 106.06 | EUR | BUYI |
| 24-06-19 13:32:01.527194 CET | XETA | 106.1 | EUR | BUYI |
| 24-06-19 13:35:46.404418 CET | XETA | 106.06 | EUR | BUYI |
| 24-06-19 13:41:50.525695 CET | XETA | 106.1 | EUR | BUYI |
| 24-06-19 13:44:38.557745 CET | XETA | 106.08 | EUR | BUYI |
| 24-06-19 13:53:41.628855 CET | XETA | 106.06 | EUR | BUYI |
| 24-06-19 13:57:19.122850 CET | XETA | 106.04 | EUR | BUYI |
| 24-06-19 14:01:42.768028 CET | XETA | 106.08 | EUR | BUYI |
| 24-06-19 14:01:42.768028 CET | XETA | 106.08 | EUR | BUYI |
| 24-06-19 14:03:29.93027 CET | XETA | 106.08 | EUR | BUYI |
| 24-06-19 14:11:49.723384 CET | XETA | 106.18 | EUR | BUYI |
| 24-06-19 14:11:49.723384 CET | XETA | 106.18 | EUR | BUYI |
| 24-06-19 14:11:49.723384 CET | XETA | 106.18 | EUR | BUYI |
| 24-06-19 14:16:26.851158 CET | XETA | 106.08 | EUR | BUYI |
| 24-06-19 14:18:24.745803 CET | XETA | 106.08 | EUR | BUYI |
| 24-06-19 14:24:21.28074 CET | XETA | 106 | EUR | BUYI |
| 24-06-19 14:27:43.48379 CET | XETA | 106.06 | EUR | BUYI |
| 24-06-19 14:31:41.813758 CET | XETA | 106.06 | EUR | BUYI |
| 24-06-19 14:31:41.813758 CET | XETA | 106.06 | EUR | BUYI |
| 24-06-19 14:34:55.769063 CET | XETA | 105.98 | EUR | BUYI |
| 24-06-19 14:37:54.842364 CET | XETA | 105.92 | EUR | BUYI |
| 24-06-19 14:41:29.969504 CET | XETA | 106.02 | EUR | BUYI |
| 24-06-19 14:45:15.947057 CET | XETA | 105.98 | EUR | BUYI |
| 24-06-19 14:48:04.181583 CET | XETA | 106 | EUR | BUYI |
| 24-06-19 14:52:13.601960 CET | XETA | 105.98 | EUR | BUYI |
| 24-06-19 14:52:13.601960 CET | XETA | 105.98 | EUR | BUYI |
| 24-06-19 14:52:13.601960 CET | XETA | 105.98 | EUR | BUYI |
| 24-06-19 14:55:41.866880 CET | XETA | 105.94 | EUR | BUYI |
| 24-06-19 15:01:31.511153 CET | XETA | 105.96 | EUR | BUYI |
| 24-06-19 15:03:08.129772 CET | XETA | 105.94 | EUR | BUYI |
| 24-06-19 15:03:08.129772 CET | XETA | 105.94 | EUR | BUYI |
| 24-06-19 15:06:49.445678 CET | XETA | 106.06 | EUR | BUYI |
| 24-06-19 15:11:48.699168 CET | XETA | 106.1 | EUR | BUYI |
| 24-06-19 15:12:58.915859 CET | XETA | 106.14 | EUR | BUYI |
| 24-06-19 15:17:15.500318 CET | XETA | 106.14 | EUR | BUYI |
| 24-06-19 15:18:32.321479 CET | XETA | 106.2 | EUR | BUYI |
| 24-06-19 15:20:10.482453 CET | XETA | 106.16 | EUR | BUYI |
| 24-06-19 15:20:10.482453 CET | XETA | 106.16 | EUR | BUYI |

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|------------------------------|------|--------|-----|------|
| 24-06-19 15:20:10.482453 CET | XETA | 106.16 | EUR | BUYI |
| 24-06-19 15:25:57.462045 CET | XETA | 106.16 | EUR | BUYI |
| 24-06-19 15:29:34.258840 CET | XETA | 106.16 | EUR | BUYI |
| 24-06-19 15:33:17.368675 CET | XETA | 106.2 | EUR | BUYI |
| 24-06-19 15:33:17.368675 CET | XETA | 106.2 | EUR | BUYI |
| 24-06-19 15:36:53.118078 CET | XETA | 106.16 | EUR | BUYI |
| 24-06-19 15:38:55.914844 CET | XETA | 106.18 | EUR | BUYI |
| 24-06-19 15:40:14.108376 CET | XETA | 106.12 | EUR | BUYI |
| 24-06-19 15:47:24.452568 CET | XETA | 106.1 | EUR | BUYI |
| 24-06-19 15:47:24.452568 CET | XETA | 106.1 | EUR | BUYI |
| 24-06-19 15:50:53.419866 CET | XETA | 106.06 | EUR | BUYI |
| 24-06-19 15:50:53.419866 CET | XETA | 106.06 | EUR | BUYI |
| 24-06-19 15:54:18.196252 CET | XETA | 106.06 | EUR | BUYI |
| 24-06-19 16:00:06.411221 CET | XETA | 106.02 | EUR | BUYI |
| 24-06-19 16:00:06.411221 CET | XETA | 106.02 | EUR | BUYI |
| 24-06-19 16:02:57.236168 CET | XETA | 106.04 | EUR | BUYI |
| 24-06-19 16:07:08.346905 CET | XETA | 106.06 | EUR | BUYI |
| 24-06-19 16:12:05.278709 CET | XETA | 105.94 | EUR | BUYI |
| 24-06-19 16:16:34.299244 CET | XETA | 105.92 | EUR | BUYI |