

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 17Jul19 XETA | | 30,000 | 100.24161 | EUR | XETA |
| | 17-07-19 08:15:40.976624 CET | 39 | 100.68 | EUR | XETA |
| | 17-07-19 08:15:45.65388 CET | 306 | 100.64 | EUR | XETA |
| | 17-07-19 08:16:10.266507 CET | 63 | 100.6 | EUR | XETA |
| | 17-07-19 08:16:10.266507 CET | 353 | 100.62 | EUR | XETA |
| | 17-07-19 08:19:46.938493 CET | 306 | 100.6 | EUR | XETA |
| | 17-07-19 08:19:46.938530 CET | 4 | 100.6 | EUR | XETA |
| | 17-07-19 08:22:46.919125 CET | 256 | 100.7 | EUR | XETA |
| | 17-07-19 08:23:24.910185 CET | 360 | 100.66 | EUR | XETA |
| | 17-07-19 08:34:32.582235 CET | 395 | 100.54 | EUR | XETA |
| | 17-07-19 08:39:03.928429 CET | 313 | 100.46 | EUR | XETA |
| | 17-07-19 08:45:04.751462 CET | 261 | 100.52 | EUR | XETA |
| | 17-07-19 08:46:39.817699 CET | 285 | 100.46 | EUR | XETA |
| | 17-07-19 08:51:14.71311 CET | 343 | 100.52 | EUR | XETA |
| | 17-07-19 08:56:05.464546 CET | 269 | 100.52 | EUR | XETA |
| | 17-07-19 09:01:17.527429 CET | 418 | 100.5 | EUR | XETA |
| | 17-07-19 09:05:58.989994 CET | 271 | 100.62 | EUR | XETA |
| | 17-07-19 09:05:58.990090 CET | 102 | 100.62 | EUR | XETA |
| | 17-07-19 09:10:36.950905 CET | 286 | 100.54 | EUR | XETA |
| | 17-07-19 09:16:47.104055 CET | 169 | 100.56 | EUR | XETA |
| | 17-07-19 09:19:51.608386 CET | 82 | 100.6 | EUR | XETA |
| | 17-07-19 09:20:18.16674 CET | 412 | 100.58 | EUR | XETA |
| | 17-07-19 09:20:18.16743 CET | 1 | 100.58 | EUR | XETA |
| | 17-07-19 09:25:38.630823 CET | 283 | 100.6 | EUR | XETA |
| | 17-07-19 09:32:06.344234 CET | 365 | 100.56 | EUR | XETA |
| | 17-07-19 09:39:20.703142 CET | 269 | 100.52 | EUR | XETA |
| | 17-07-19 09:42:39.2809 CET | 265 | 100.4 | EUR | XETA |
| | 17-07-19 09:42:39.2891 CET | 123 | 100.4 | EUR | XETA |
| | 17-07-19 09:51:30.384452 CET | 160 | 100.42 | EUR | XETA |
| | 17-07-19 09:54:03.848124 CET | 104 | 100.42 | EUR | XETA |
| | 17-07-19 09:54:59.409492 CET | 402 | 100.4 | EUR | XETA |
| | 17-07-19 10:02:20.670321 CET | 397 | 100.46 | EUR | XETA |
| | 17-07-19 10:02:20.670432 CET | 37 | 100.46 | EUR | XETA |
| | 17-07-19 10:08:15.553021 CET | 247 | 100.56 | EUR | XETA |
| | 17-07-19 10:15:18.282501 CET | 137 | 100.52 | EUR | XETA |
| | 17-07-19 10:15:18.282619 CET | 42 | 100.52 | EUR | XETA |
| | 17-07-19 10:15:18.283491 CET | 84 | 100.52 | EUR | XETA |
| | 17-07-19 10:18:23.440575 CET | 202 | 100.54 | EUR | XETA |
| | 17-07-19 10:18:23.440684 CET | 51 | 100.54 | EUR | XETA |
| | 17-07-19 10:21:31.851641 CET | 229 | 100.54 | EUR | XETA |
| | 17-07-19 10:27:36.13752 CET | 210 | 100.62 | EUR | XETA |
| | 17-07-19 10:27:36.13822 CET | 29 | 100.62 | EUR | XETA |
| | 17-07-19 10:29:17.882992 CET | 235 | 100.64 | EUR | XETA |
| | 17-07-19 10:34:40.485607 CET | 326 | 100.44 | EUR | XETA |
| | 17-07-19 10:34:40.485680 CET | 70 | 100.44 | EUR | XETA |
| | 17-07-19 10:42:06.994668 CET | 12 | 100.5 | EUR | XETA |
| | 17-07-19 10:42:07.148229 CET | 373 | 100.5 | EUR | XETA |
| | 17-07-19 10:49:22.490782 CET | 5 | 100.46 | EUR | XETA |
| | 17-07-19 10:49:31.499059 CET | 46 | 100.46 | EUR | XETA |
| | 17-07-19 10:49:31.499102 CET | 221 | 100.46 | EUR | XETA |
| | 17-07-19 10:52:32.617925 CET | 242 | 100.5 | EUR | XETA |
| | 17-07-19 10:55:00.128378 CET | 353 | 100.5 | EUR | XETA |
| | 17-07-19 11:04:09.239053 CET | 69 | 100.64 | EUR | XETA |
| | 17-07-19 11:04:09.245630 CET | 187 | 100.64 | EUR | XETA |
| | 17-07-19 11:05:01.974232 CET | 289 | 100.58 | EUR | XETA |
| | 17-07-19 11:05:01.974298 CET | 10 | 100.58 | EUR | XETA |
| | 17-07-19 11:17:56.56345 CET | 320 | 100.4 | EUR | XETA |
| | 17-07-19 11:23:05.109623 CET | 22 | 100.46 | EUR | XETA |
| | 17-07-19 11:23:05.109664 CET | 218 | 100.46 | EUR | XETA |
| | 17-07-19 11:27:39.623223 CET | 241 | 100.4 | EUR | XETA |
| | 17-07-19 11:28:04.340899 CET | 418 | 100.3 | EUR | XETA |
| | 17-07-19 11:28:04.340899 CET | 227 | 100.32 | EUR | XETA |
| | 17-07-19 11:29:29.198148 CET | 261 | 100.38 | EUR | XETA |
| | 17-07-19 11:36:57.154678 CET | 259 | 100.38 | EUR | XETA |
| | 17-07-19 11:44:16.102845 CET | 233 | 100.28 | EUR | XETA |
| | 17-07-19 11:44:23.719808 CET | 275 | 100.24 | EUR | XETA |
| | 17-07-19 11:45:15.975877 CET | 285 | 100.2 | EUR | XETA |
| | 17-07-19 11:57:24.959937 CET | 304 | 100.24 | EUR | XETA |
| | 17-07-19 12:07:32.134609 CET | 229 | 100.22 | EUR | XETA |
| | 17-07-19 12:12:11.619208 CET | 241 | 100.36 | EUR | XETA |
| | 17-07-19 12:17:02.900990 CET | 3 | 100.32 | EUR | XETA |
| | 17-07-19 12:17:04.459744 CET | 378 | 100.32 | EUR | XETA |
| | 17-07-19 12:30:07.783487 CET | 447 | 100.28 | EUR | XETA |
| | 17-07-19 12:37:38.366288 CET | 247 | 100.22 | EUR | XETA |
| | 17-07-19 12:42:41.12644 CET | 394 | 100.22 | EUR | XETA |
| | 17-07-19 12:42:41.12773 CET | 3 | 100.22 | EUR | XETA |
| | 17-07-19 12:56:36.163875 CET | 257 | 100.32 | EUR | XETA |
| | 17-07-19 13:04:59.504723 CET | 233 | 100.3 | EUR | XETA |
| | 17-07-19 13:20:15.341979 CET | 42 | 100.34 | EUR | XETA |
| | 17-07-19 13:20:15.342131 CET | 6 | 100.34 | EUR | XETA |
| | 17-07-19 13:20:15.342164 CET | 517 | 100.34 | EUR | XETA |
| | 17-07-19 13:20:15.342259 CET | 12 | 100.34 | EUR | XETA |
| | 17-07-19 13:30:28.383007 CET | 468 | 100.28 | EUR | XETA |
| | 17-07-19 13:39:40.238267 CET | 273 | 100.28 | EUR | XETA |
| | 17-07-19 13:41:39.216637 CET | 414 | 100.24 | EUR | XETA |
| | 17-07-19 13:45:45.171885 CET | 233 | 100.34 | EUR | XETA |
| | 17-07-19 13:54:39.981696 CET | 247 | 100.22 | EUR | XETA |
| | 17-07-19 13:54:39.981755 CET | 208 | 100.22 | EUR | XETA |
| | 17-07-19 14:00:10.836029 CET | 39 | 100.18 | EUR | XETA |
| | 17-07-19 14:00:10.836128 CET | 23 | 100.18 | EUR | XETA |
| | 17-07-19 14:00:10.836167 CET | 171 | 100.18 | EUR | XETA |
| | 17-07-19 14:03:56.171477 CET | 277 | 100.26 | EUR | XETA |
| | 17-07-19 14:09:18.451131 CET | 306 | 100.22 | EUR | XETA |
| | 17-07-19 14:16:39.275400 CET | 252 | 100.26 | EUR | XETA |
| | 17-07-19 14:18:40.711635 CET | 243 | 100.34 | EUR | XETA |
| | 17-07-19 14:23:47.144070 CET | 422 | 100.24 | 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 |
|------------------------------------|--|---|--------------------------------------|--|
| 17-07-19 08:15:40.970874 CET | XETA | 100.68 | EUR | BUYI |
| 17-07-19 08:15:43.756830 CET | XETA | 100.64 | EUR | BUYI |
| 17-07-19 08:16:10.260852 CET | XETA | 100.6 | EUR | BUYI |
| 17-07-19 08:16:10.260852 CET | XETA | 100.62 | EUR | BUYI |
| 17-07-19 08:19:46.584574 CET | XETA | 100.6 | EUR | BUYI |
| 17-07-19 08:19:46.584574 CET | XETA | 100.6 | EUR | BUYI |
| 17-07-19 08:22:45.637981 CET | XETA | 100.7 | EUR | BUYI |
| 17-07-19 08:23:21.318255 CET | XETA | 100.66 | EUR | BUYI |
| 17-07-19 08:34:25.642212 CET | XETA | 100.54 | EUR | BUYI |
| 17-07-19 08:39:03.844121 CET | XETA | 100.46 | EUR | BUYI |
| 17-07-19 08:44:59.290830 CET | XETA | 100.52 | EUR | BUYI |
| 17-07-19 08:46:27.452385 CET | XETA | 100.46 | EUR | BUYI |
| 17-07-19 08:51:03.123862 CET | XETA | 100.52 | EUR | BUYI |
| 17-07-19 08:56:02.155634 CET | XETA | 100.52 | EUR | BUYI |
| 17-07-19 09:01:11.502386 CET | XETA | 100.5 | EUR | BUYI |
| 17-07-19 09:05:57.276561 CET | XETA | 100.62 | EUR | BUYI |
| 17-07-19 09:05:57.276561 CET | XETA | 100.62 | EUR | BUYI |
| 17-07-19 09:10:35.175119 CET | XETA | 100.54 | EUR | BUYI |
| 17-07-19 09:16:32.440991 CET | XETA | 100.56 | EUR | BUYI |
| 17-07-19 09:19:15.15661 CET | XETA | 100.6 | EUR | BUYI |
| 17-07-19 09:20:11.997629 CET | XETA | 100.58 | EUR | BUYI |
| 17-07-19 09:20:11.997629 CET | XETA | 100.58 | EUR | BUYI |
| 17-07-19 09:25:21.994416 CET | XETA | 100.6 | EUR | BUYI |
| 17-07-19 09:32:06.338387 CET | XETA | 100.56 | EUR | BUYI |
| 17-07-19 09:38:59.385587 CET | XETA | 100.52 | EUR | BUYI |
| 17-07-19 09:42:38.730388 CET | XETA | 100.4 | EUR | BUYI |
| 17-07-19 09:42:38.730388 CET | XETA | 100.4 | EUR | BUYI |
| 17-07-19 09:51:20.561010 CET | XETA | 100.42 | EUR | BUYI |
| 17-07-19 09:53:46.317857 CET | XETA | 100.42 | EUR | BUYI |
| 17-07-19 09:54:27.240848 CET | XETA | 100.4 | EUR | BUYI |
| 17-07-19 10:02:07.687197 CET | XETA | 100.46 | EUR | BUYI |
| 17-07-19 10:02:07.687197 CET | XETA | 100.46 | EUR | BUYI |
| 17-07-19 10:07:55.566672 CET | XETA | 100.56 | EUR | BUYI |
| 17-07-19 10:14:43.518138 CET | XETA | 100.52 | EUR | BUYI |
| 17-07-19 10:14:43.518138 CET | XETA | 100.52 | EUR | BUYI |
| 17-07-19 10:14:43.518138 CET | XETA | 100.52 | EUR | BUYI |
| 17-07-19 10:17:59.447272 CET | XETA | 100.54 | EUR | BUYI |
| 17-07-19 10:17:59.447272 CET | XETA | 100.54 | EUR | BUYI |
| 17-07-19 10:21:24.616364 CET | XETA | 100.54 | EUR | BUYI |
| 17-07-19 10:27:11.180395 CET | XETA | 100.62 | EUR | BUYI |
| 17-07-19 10:27:11.180395 CET | XETA | 100.62 | EUR | BUYI |
| 17-07-19 10:29:09.93514 CET | XETA | 100.64 | EUR | BUYI |
| 17-07-19 10:33:54.838661 CET | XETA | 100.44 | EUR | BUYI |
| 17-07-19 10:33:54.838661 CET | XETA | 100.44 | EUR | BUYI |
| 17-07-19 10:41:54.423781 CET | XETA | 100.5 | EUR | BUYI |
| 17-07-19 10:41:54.423781 CET | XETA | 100.5 | EUR | BUYI |
| 17-07-19 10:49:03.14370 CET | XETA | 100.46 | EUR | BUYI |
| 17-07-19 10:49:03.14370 CET | XETA | 100.46 | EUR | BUYI |
| 17-07-19 10:49:03.14370 CET | XETA | 100.46 | EUR | BUYI |
| 17-07-19 10:52:20.814968 CET | XETA | 100.5 | EUR | BUYI |
| 17-07-19 10:54:54.398157 CET | XETA | 100.5 | EUR | BUYI |
| 17-07-19 11:04:05.295654 CET | XETA | 100.64 | EUR | BUYI |
| 17-07-19 11:04:05.295654 CET | XETA | 100.64 | EUR | BUYI |
| 17-07-19 11:05:01.825840 CET | XETA | 100.58 | EUR | BUYI |
| 17-07-19 11:05:01.825840 CET | XETA | 100.58 | EUR | BUYI |
| 17-07-19 11:17:54.580344 CET | XETA | 100.4 | EUR | BUYI |
| 17-07-19 11:22:56.622127 CET | XETA | 100.46 | EUR | BUYI |
| 17-07-19 11:22:56.622127 CET | XETA | 100.46 | EUR | BUYI |
| 17-07-19 11:27:39.149434 CET | XETA | 100.4 | EUR | BUYI |
| 17-07-19 11:28:04.335254 CET | XETA | 100.3 | EUR | BUYI |
| 17-07-19 11:28:04.335254 CET | XETA | 100.32 | EUR | BUYI |
| 17-07-19 11:29:24.615409 CET | XETA | 100.38 | EUR | BUYI |
| 17-07-19 11:36:15.101841 CET | XETA | 100.38 | EUR | BUYI |
| 17-07-19 11:42:51.248282 CET | XETA | 100.28 | EUR | BUYI |
| 17-07-19 11:44:23.713641 CET | XETA | 100.24 | EUR | BUYI |
| 17-07-19 11:45:12.908684 CET | XETA | 100.2 | EUR | BUYI |
| 17-07-19 11:57:24.787591 CET | XETA | 100.24 | EUR | BUYI |
| 17-07-19 12:07:28.783511 CET | XETA | 100.22 | EUR | BUYI |
| 17-07-19 12:12:11.613474 CET | XETA | 100.36 | EUR | BUYI |
| 17-07-19 12:16:27.9817 CET | XETA | 100.32 | EUR | BUYI |
| 17-07-19 12:16:27.9817 CET | XETA | 100.32 | EUR | BUYI |
| 17-07-19 12:29:34.173076 CET | XETA | 100.28 | EUR | BUYI |
| 17-07-19 12:36:51.929008 CET | XETA | 100.22 | EUR | BUYI |
| 17-07-19 12:41:35.376202 CET | XETA | 100.22 | EUR | BUYI |
| 17-07-19 12:41:35.376202 CET | XETA | 100.22 | EUR | BUYI |
| 17-07-19 12:55:38.383669 CET | XETA | 100.32 | EUR | BUYI |
| 17-07-19 13:04:41.853246 CET | XETA | 100.3 | EUR | BUYI |
| 17-07-19 13:19:42.997147 CET | XETA | 100.34 | EUR | BUYI |
| 17-07-19 13:19:42.997147 CET | XETA | 100.34 | EUR | BUYI |
| 17-07-19 13:19:42.997147 CET | XETA | 100.34 | EUR | BUYI |
| 17-07-19 13:19:42.997147 CET | XETA | 100.34 | EUR | BUYI |
| 17-07-19 13:30:16.934543 CET | XETA | 100.28 | EUR | BUYI |
| 17-07-19 13:39:14.318677 CET | XETA | 100.28 | EUR | BUYI |
| 17-07-19 13:41:38.675520 CET | XETA | 100.24 | EUR | BUYI |
| 17-07-19 13:45:29.412949 CET | XETA | 100.34 | EUR | BUYI |
| 17-07-19 13:53:47.57304 CET | XETA | 100.22 | EUR | BUYI |
| 17-07-19 13:53:47.57304 CET | XETA | 100.22 | EUR | BUYI |
| 17-07-19 13:59:46.732134 CET | XETA | 100.18 | EUR | BUYI |
| 17-07-19 13:59:46.732134 CET | XETA | 100.18 | EUR | BUYI |
| 17-07-19 13:59:46.732134 CET | XETA | 100.18 | EUR | BUYI |
| 17-07-19 14:03:53.854018 CET | XETA | 100.26 | EUR | BUYI |
| 17-07-19 14:09:10.453230 CET | XETA | 100.22 | EUR | BUYI |
| 17-07-19 14:16:30.723495 CET | XETA | 100.26 | EUR | BUYI |
| 17-07-19 14:18:23.840881 CET | XETA | 100.34 | EUR | BUYI |

