

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 24Oct19 XETA | | 25,655 | 103.90312 | EUR | XETA |
| | 24-10-19 08:28:37.84211 CET | 94 | 104.76 | EUR | XETA |
| | 24-10-19 08:28:37.84257 CET | 155 | 104.76 | EUR | XETA |
| | 24-10-19 08:28:37.88935 CET | 135 | 104.76 | EUR | XETA |
| | 24-10-19 08:29:17.681012 CET | 7 | 104.72 | EUR | XETA |
| | 24-10-19 08:29:17.681128 CET | 72 | 104.72 | EUR | XETA |
| | 24-10-19 08:29:17.681312 CET | 139 | 104.72 | EUR | XETA |
| | 24-10-19 08:31:28.587674 CET | 53 | 104.66 | EUR | XETA |
| | 24-10-19 08:31:28.587783 CET | 164 | 104.66 | EUR | XETA |
| | 24-10-19 08:37:05.744015 CET | 183 | 104.52 | EUR | XETA |
| | 24-10-19 08:42:42.872907 CET | 364 | 104.28 | EUR | XETA |
| | 24-10-19 08:44:50.622694 CET | 2 | 104.24 | EUR | XETA |
| | 24-10-19 08:44:54.739 CET | 195 | 104.24 | EUR | XETA |
| | 24-10-19 08:47:21.817125 CET | 158 | 104.2 | EUR | XETA |
| | 24-10-19 08:50:03.779098 CET | 7 | 104.3 | EUR | XETA |
| | 24-10-19 08:50:03.779236 CET | 165 | 104.3 | EUR | XETA |
| | 24-10-19 08:51:53.938804 CET | 246 | 104.18 | EUR | XETA |
| | 24-10-19 08:56:55.34501 CET | 183 | 104 | EUR | XETA |
| | 24-10-19 09:00:04.960177 CET | 127 | 104.04 | EUR | XETA |
| | 24-10-19 09:00:04.961334 CET | 82 | 104.04 | EUR | XETA |
| | 24-10-19 09:04:10.20317 CET | 207 | 104.2 | EUR | XETA |
| | 24-10-19 09:06:41.713057 CET | 191 | 103.98 | EUR | XETA |
| | 24-10-19 09:12:29.145112 CET | 50 | 103.82 | EUR | XETA |
| | 24-10-19 09:12:29.145299 CET | 230 | 103.82 | EUR | XETA |
| | 24-10-19 09:15:53.156726 CET | 191 | 103.94 | EUR | XETA |
| | 24-10-19 09:21:16.883296 CET | 174 | 103.88 | EUR | XETA |
| | 24-10-19 09:22:59.680782 CET | 140 | 103.92 | EUR | XETA |
| | 24-10-19 09:22:59.687353 CET | 42 | 103.92 | EUR | XETA |
| | 24-10-19 09:30:18.219523 CET | 17 | 103.84 | EUR | XETA |
| | 24-10-19 09:31:08.524457 CET | 104 | 103.88 | EUR | XETA |
| | 24-10-19 09:31:28.49374 CET | 253 | 103.86 | EUR | XETA |
| | 24-10-19 09:39:23.7806 CET | 174 | 103.92 | EUR | XETA |
| | 24-10-19 09:39:23.7912 CET | 234 | 103.92 | EUR | XETA |
| | 24-10-19 09:45:19.571000 CET | 49 | 103.92 | EUR | XETA |
| | 24-10-19 09:45:23.780163 CET | 58 | 103.92 | EUR | XETA |
| | 24-10-19 09:45:23.780315 CET | 124 | 103.92 | EUR | XETA |
| | 24-10-19 09:47:16.698082 CET | 171 | 103.94 | EUR | XETA |
| | 24-10-19 09:54:21.760798 CET | 246 | 104.04 | EUR | XETA |
| | 24-10-19 09:55:46.784237 CET | 138 | 104 | EUR | XETA |
| | 24-10-19 09:55:46.784568 CET | 36 | 104 | EUR | XETA |
| | 24-10-19 10:01:00.294427 CET | 26 | 104.08 | EUR | XETA |
| | 24-10-19 10:04:58.473756 CET | 206 | 104.24 | EUR | XETA |
| | 24-10-19 10:04:58.601512 CET | 170 | 104.24 | EUR | XETA |
| | 24-10-19 10:06:21.642960 CET | 187 | 104.2 | EUR | XETA |
| | 24-10-19 10:18:37.111475 CET | 377 | 104.18 | EUR | XETA |
| | 24-10-19 10:21:58.96716 CET | 178 | 104.08 | EUR | XETA |
| | 24-10-19 10:26:38.102721 CET | 199 | 103.84 | EUR | XETA |
| | 24-10-19 10:34:49.896374 CET | 188 | 103.98 | EUR | XETA |
| | 24-10-19 10:41:31.161193 CET | 15 | 103.98 | EUR | XETA |
| | 24-10-19 10:41:31.161633 CET | 452 | 103.98 | EUR | XETA |
| | 24-10-19 10:47:42.543889 CET | 235 | 103.96 | EUR | XETA |
| | 24-10-19 10:52:43.312172 CET | 214 | 103.98 | EUR | XETA |
| | 24-10-19 10:57:27.180504 CET | 247 | 103.9 | EUR | XETA |
| | 24-10-19 11:03:49.362870 CET | 316 | 103.9 | EUR | XETA |
| | 24-10-19 11:09:24.563087 CET | 50 | 103.9 | EUR | XETA |
| | 24-10-19 11:12:50.174489 CET | 290 | 103.96 | EUR | XETA |
| | 24-10-19 11:19:50.314534 CET | 60 | 103.96 | EUR | XETA |
| | 24-10-19 11:19:50.314643 CET | 219 | 103.96 | EUR | XETA |
| | 24-10-19 11:25:39.459563 CET | 16 | 103.94 | EUR | XETA |
| | 24-10-19 11:25:39.466774 CET | 172 | 103.94 | EUR | XETA |
| | 24-10-19 11:28:18.283437 CET | 82 | 103.86 | EUR | XETA |
| | 24-10-19 11:28:18.283509 CET | 152 | 103.86 | EUR | XETA |
| | 24-10-19 11:38:52.538043 CET | 11 | 103.84 | EUR | XETA |
| | 24-10-19 11:38:52.538109 CET | 185 | 103.84 | EUR | XETA |
| | 24-10-19 11:46:08.179895 CET | 287 | 103.86 | EUR | XETA |
| | 24-10-19 11:48:06.132924 CET | 250 | 103.84 | EUR | XETA |
| | 24-10-19 11:56:05.666641 CET | 61 | 103.88 | EUR | XETA |
| | 24-10-19 12:07:24.700668 CET | 179 | 103.9 | EUR | XETA |
| | 24-10-19 12:09:31.189315 CET | 213 | 103.94 | EUR | XETA |
| | 24-10-19 12:10:02.688455 CET | 111 | 103.96 | EUR | XETA |
| | 24-10-19 12:10:02.688525 CET | 118 | 103.96 | EUR | XETA |
| | 24-10-19 12:13:19.598297 CET | 225 | 103.94 | EUR | XETA |
| | 24-10-19 12:24:07.749440 CET | 277 | 103.98 | EUR | XETA |
| | 24-10-19 12:28:02.344334 CET | 205 | 104.04 | EUR | XETA |
| | 24-10-19 12:31:44.494149 CET | 220 | 104.06 | EUR | XETA |
| | 24-10-19 12:39:17.30383 CET | 179 | 103.76 | EUR | XETA |
| | 24-10-19 12:46:05.492083 CET | 190 | 103.8 | EUR | XETA |
| | 24-10-19 12:51:18.603422 CET | 17 | 103.68 | EUR | XETA |
| | 24-10-19 12:51:18.603506 CET | 169 | 103.68 | EUR | XETA |
| | 24-10-19 12:56:46.285197 CET | 342 | 103.72 | EUR | XETA |
| | 24-10-19 13:04:42.119799 CET | 54 | 103.78 | EUR | XETA |
| | 24-10-19 13:04:42.119937 CET | 176 | 103.78 | EUR | XETA |
| | 24-10-19 13:08:04.318799 CET | 198 | 103.82 | EUR | XETA |
| | 24-10-19 13:14:26.682492 CET | 181 | 103.86 | EUR | XETA |
| | 24-10-19 13:18:29.347522 CET | 109 | 103.78 | EUR | XETA |
| | 24-10-19 13:18:29.347663 CET | 74 | 103.78 | EUR | XETA |
| | 24-10-19 13:22:53.455598 CET | 175 | 103.78 | EUR | XETA |
| | 24-10-19 13:29:45.719978 CET | 22 | 103.82 | EUR | XETA |
| | 24-10-19 13:30:56.401023 CET | 343 | 103.82 | EUR | XETA |
| | 24-10-19 13:30:56.401316 CET | 214 | 103.82 | EUR | XETA |
| | 24-10-19 13:39:10.888290 CET | 182 | 103.62 | EUR | XETA |
| | 24-10-19 13:39:10.889260 CET | 83 | 103.62 | EUR | XETA |
| | 24-10-19 13:42:37.691089 CET | 333 | 103.66 | EUR | XETA |
| | 24-10-19 13:50:45.751119 CET | 188 | 103.6 | EUR | XETA |
| | 24-10-19 13:55:57.340495 CET | 210 | 103.62 | EUR | XETA |
| | 24-10-19 13:56:46.995185 CET | 212 | 103.6 | EUR | XETA |
| | 24-10-19 14:02:05.497529 CET | 203 | 103.62 | EUR | XETA |
| | 24-10-19 14:11:05.83948 CET | 425 | 103.64 | EUR | XETA |
| | 24-10-19 14:12:33.992900 CET | 181 | 103.62 | EUR | XETA |
| | 24-10-19 14:19:07.585531 CET | 209 | 103.78 | EUR | XETA |

| | | | | |
|------------------------------|-----|--------|-----|------|
| 24-10-19 14:21:22.394349 CET | 171 | 103.82 | EUR | XETA |
| 24-10-19 14:26:07.781672 CET | 193 | 103.74 | EUR | XETA |
| 24-10-19 14:26:43.530144 CET | 152 | 103.74 | EUR | XETA |
| 24-10-19 14:26:43.530385 CET | 37 | 103.74 | EUR | XETA |
| 24-10-19 14:32:04.682670 CET | 303 | 103.84 | EUR | XETA |
| 24-10-19 14:35:02.964426 CET | 228 | 103.84 | EUR | XETA |
| 24-10-19 14:42:11.411261 CET | 305 | 103.86 | EUR | XETA |
| 24-10-19 14:45:26.968288 CET | 442 | 103.88 | EUR | XETA |
| 24-10-19 14:48:18.26163 CET | 216 | 103.68 | EUR | XETA |
| 24-10-19 14:51:11.823697 CET | 185 | 103.74 | EUR | XETA |
| 24-10-19 14:55:16.745458 CET | 6 | 103.74 | EUR | XETA |
| 24-10-19 14:55:16.745530 CET | 220 | 103.74 | EUR | XETA |
| 24-10-19 14:58:06.826237 CET | 218 | 103.74 | EUR | XETA |
| 24-10-19 15:01:52.388584 CET | 149 | 103.8 | EUR | XETA |
| 24-10-19 15:01:52.388656 CET | 102 | 103.8 | EUR | XETA |
| 24-10-19 15:01:52.388688 CET | 10 | 103.8 | EUR | XETA |
| 24-10-19 15:02:00.710579 CET | 202 | 103.8 | EUR | XETA |
| 24-10-19 15:06:43.427795 CET | 140 | 103.72 | EUR | XETA |
| 24-10-19 15:06:43.427915 CET | 63 | 103.72 | EUR | XETA |
| 24-10-19 15:07:50.592691 CET | 221 | 103.72 | EUR | XETA |
| 24-10-19 15:10:54.384290 CET | 220 | 103.72 | EUR | XETA |
| 24-10-19 15:15:26.364568 CET | 371 | 103.66 | EUR | XETA |
| 24-10-19 15:20:20.563851 CET | 370 | 103.56 | EUR | XETA |
| 24-10-19 15:24:53.514519 CET | 179 | 103.64 | EUR | XETA |
| 24-10-19 15:28:56.43093 CET | 213 | 103.68 | EUR | XETA |
| 24-10-19 15:29:31.362193 CET | 201 | 103.66 | EUR | XETA |
| 24-10-19 15:30:37.162154 CET | 196 | 103.52 | EUR | XETA |
| 24-10-19 15:33:28.633313 CET | 198 | 103.62 | EUR | XETA |
| 24-10-19 15:36:42.984023 CET | 85 | 103.76 | EUR | XETA |
| 24-10-19 15:36:42.984118 CET | 157 | 103.76 | EUR | XETA |
| 24-10-19 15:40:52.849598 CET | 21 | 103.84 | EUR | XETA |
| 24-10-19 15:43:28.56645 CET | 483 | 103.88 | EUR | XETA |
| 24-10-19 15:47:42.950018 CET | 244 | 103.9 | EUR | XETA |
| 24-10-19 15:48:45.559611 CET | 193 | 103.9 | EUR | XETA |
| 24-10-19 15:52:36.266377 CET | 286 | 103.96 | EUR | XETA |
| 24-10-19 15:53:53.373110 CET | 31 | 103.96 | EUR | XETA |
| 24-10-19 15:53:53.373207 CET | 150 | 103.96 | EUR | XETA |
| 24-10-19 15:55:00.542206 CET | 171 | 103.94 | EUR | XETA |
| 24-10-19 15:59:37.265818 CET | 241 | 104 | EUR | XETA |
| 24-10-19 16:02:12.27453 CET | 335 | 104 | EUR | XETA |
| 24-10-19 16:07:14.896922 CET | 209 | 104.02 | EUR | XETA |
| 24-10-19 16:10:08.558494 CET | 33 | 103.94 | EUR | XETA |
| 24-10-19 16:10:08.558609 CET | 2 | 103.94 | EUR | XETA |
| 24-10-19 16:10:09.822502 CET | 142 | 103.94 | EUR | XETA |
| 24-10-19 16:11:18.561515 CET | 184 | 103.9 | EUR | XETA |
| 24-10-19 16:14:18.954382 CET | 251 | 103.86 | EUR | XETA |
| 24-10-19 16:16:54.789510 CET | 124 | 103.8 | EUR | XETA |
| 24-10-19 16:19:42.310222 CET | 209 | 103.76 | EUR | XETA |
| 24-10-19 16:19:43.441926 CET | 15 | 103.76 | EUR | XETA |
| 24-10-19 16:19:51.429983 CET | 66 | 103.78 | 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 |
|------------------------------------|--|---|--------------------------------------|--|
| 24-10-19 08:28:23.378083 CET | XETA | 104.76 | EUR | BUYI |
| 24-10-19 08:28:23.378083 CET | XETA | 104.76 | EUR | BUYI |
| 24-10-19 08:28:23.378083 CET | XETA | 104.76 | EUR | BUYI |
| 24-10-19 08:29:16.415700 CET | XETA | 104.72 | EUR | BUYI |
| 24-10-19 08:29:16.415700 CET | XETA | 104.72 | EUR | BUYI |
| 24-10-19 08:29:16.415700 CET | XETA | 104.72 | EUR | BUYI |
| 24-10-19 08:30:58.153260 CET | XETA | 104.66 | EUR | BUYI |
| 24-10-19 08:30:58.153260 CET | XETA | 104.66 | EUR | BUYI |
| 24-10-19 08:36:57.774243 CET | XETA | 104.52 | EUR | BUYI |
| 24-10-19 08:42:22.690040 CET | XETA | 104.28 | EUR | BUYI |
| 24-10-19 08:44:26.723768 CET | XETA | 104.24 | EUR | BUYI |
| 24-10-19 08:44:26.723768 CET | XETA | 104.24 | EUR | BUYI |
| 24-10-19 08:47:18.234374 CET | XETA | 104.2 | EUR | BUYI |
| 24-10-19 08:49:36.921581 CET | XETA | 104.3 | EUR | BUYI |
| 24-10-19 08:49:36.921581 CET | XETA | 104.3 | EUR | BUYI |
| 24-10-19 08:51:47.799371 CET | XETA | 104.18 | EUR | BUYI |
| 24-10-19 08:56:48.218563 CET | XETA | 104 | EUR | BUYI |
| 24-10-19 09:00:04.72351 CET | XETA | 104.04 | EUR | BUYI |
| 24-10-19 09:00:04.72351 CET | XETA | 104.04 | EUR | BUYI |
| 24-10-19 09:04:06.714513 CET | XETA | 104.2 | EUR | BUYI |
| 24-10-19 09:06:37.843179 CET | XETA | 103.98 | EUR | BUYI |
| 24-10-19 09:12:18.519920 CET | XETA | 103.82 | EUR | BUYI |
| 24-10-19 09:12:18.519920 CET | XETA | 103.82 | EUR | BUYI |
| 24-10-19 09:15:11.789041 CET | XETA | 103.94 | EUR | BUYI |
| 24-10-19 09:21:12.531923 CET | XETA | 103.88 | EUR | BUYI |
| 24-10-19 09:22:48.36580 CET | XETA | 103.92 | EUR | BUYI |
| 24-10-19 09:22:48.36580 CET | XETA | 103.92 | EUR | BUYI |
| 24-10-19 09:30:18.101419 CET | XETA | 103.84 | EUR | BUYI |
| 24-10-19 09:31:06.43313 CET | XETA | 103.88 | EUR | BUYI |
| 24-10-19 09:31:22.785632 CET | XETA | 103.86 | EUR | BUYI |
| 24-10-19 09:39:20.384208 CET | XETA | 103.92 | EUR | BUYI |
| 24-10-19 09:39:20.384208 CET | XETA | 103.92 | EUR | BUYI |
| 24-10-19 09:45:17.483405 CET | XETA | 103.92 | EUR | BUYI |
| 24-10-19 09:45:17.483405 CET | XETA | 103.92 | EUR | BUYI |
| 24-10-19 09:45:17.483405 CET | XETA | 103.92 | EUR | BUYI |
| 24-10-19 09:46:53.52457 CET | XETA | 103.94 | EUR | BUYI |
| 24-10-19 09:54:12.537701 CET | XETA | 104.04 | EUR | BUYI |
| 24-10-19 09:55:22.478220 CET | XETA | 104 | EUR | BUYI |
| 24-10-19 09:55:22.478220 CET | XETA | 104 | EUR | BUYI |
| 24-10-19 10:00:54.336147 CET | XETA | 104.08 | EUR | BUYI |
| 24-10-19 10:04:48.789520 CET | XETA | 104.24 | EUR | BUYI |
| 24-10-19 10:04:58.595789 CET | XETA | 104.24 | EUR | BUYI |
| 24-10-19 10:06:07.154481 CET | XETA | 104.2 | EUR | BUYI |
| 24-10-19 10:17:55.971447 CET | XETA | 104.18 | EUR | BUYI |
| 24-10-19 10:21:34.131643 CET | XETA | 104.08 | EUR | BUYI |
| 24-10-19 10:26:28.269803 CET | XETA | 103.84 | EUR | BUYI |
| 24-10-19 10:34:40.800429 CET | XETA | 103.98 | EUR | BUYI |
| 24-10-19 10:41:07.926939 CET | XETA | 103.98 | EUR | BUYI |
| 24-10-19 10:41:07.926939 CET | XETA | 103.98 | EUR | BUYI |
| 24-10-19 10:47:34.915771 CET | XETA | 103.96 | EUR | BUYI |
| 24-10-19 10:52:07.603710 CET | XETA | 103.98 | EUR | BUYI |
| 24-10-19 10:57:16.291409 CET | XETA | 103.9 | EUR | BUYI |
| 24-10-19 11:03:35.626713 CET | XETA | 103.9 | EUR | BUYI |
| 24-10-19 11:09:04.466649 CET | XETA | 103.9 | EUR | BUYI |
| 24-10-19 11:12:32.264211 CET | XETA | 103.96 | EUR | BUYI |
| 24-10-19 11:19:18.478705 CET | XETA | 103.96 | EUR | BUYI |
| 24-10-19 11:19:18.478705 CET | XETA | 103.96 | EUR | BUYI |
| 24-10-19 11:25:13.10092 CET | XETA | 103.94 | EUR | BUYI |
| 24-10-19 11:25:13.10092 CET | XETA | 103.94 | EUR | BUYI |
| 24-10-19 11:28:18.260373 CET | XETA | 103.86 | EUR | BUYI |
| 24-10-19 11:28:18.260373 CET | XETA | 103.86 | EUR | BUYI |
| 24-10-19 11:38:51.339068 CET | XETA | 103.84 | EUR | BUYI |
| 24-10-19 11:38:51.339068 CET | XETA | 103.84 | EUR | BUYI |
| 24-10-19 11:45:41.36434 CET | XETA | 103.86 | EUR | BUYI |
| 24-10-19 11:47:34.830305 CET | XETA | 103.84 | EUR | BUYI |
| 24-10-19 11:55:48.774100 CET | XETA | 103.88 | EUR | BUYI |
| 24-10-19 12:07:24.694888 CET | XETA | 103.9 | EUR | BUYI |
| 24-10-19 12:09:18.418748 CET | XETA | 103.94 | EUR | BUYI |
| 24-10-19 12:10:01.734577 CET | XETA | 103.96 | EUR | BUYI |
| 24-10-19 12:10:01.734577 CET | XETA | 103.96 | EUR | BUYI |
| 24-10-19 12:11:56.462585 CET | XETA | 103.94 | EUR | BUYI |
| 24-10-19 12:23:15.479932 CET | XETA | 103.98 | EUR | BUYI |
| 24-10-19 12:27:45.122718 CET | XETA | 104.04 | EUR | BUYI |
| 24-10-19 12:31:30.987598 CET | XETA | 104.06 | EUR | BUYI |
| 24-10-19 12:39:07.450898 CET | XETA | 103.76 | EUR | BUYI |
| 24-10-19 12:45:39.75786 CET | XETA | 103.8 | EUR | BUYI |
| 24-10-19 12:51:06.68883 CET | XETA | 103.68 | EUR | BUYI |
| 24-10-19 12:51:06.68883 CET | XETA | 103.68 | EUR | BUYI |
| 24-10-19 12:56:11.713665 CET | XETA | 103.72 | EUR | BUYI |
| 24-10-19 13:04:32.134993 CET | XETA | 103.78 | EUR | BUYI |
| 24-10-19 13:04:32.134993 CET | XETA | 103.78 | EUR | BUYI |
| 24-10-19 13:07:40.164651 CET | XETA | 103.82 | EUR | BUYI |
| 24-10-19 13:13:31.189941 CET | XETA | 103.86 | EUR | BUYI |
| 24-10-19 13:18:24.63102 CET | XETA | 103.78 | EUR | BUYI |
| 24-10-19 13:18:24.63102 CET | XETA | 103.78 | EUR | BUYI |
| 24-10-19 13:22:36.248363 CET | XETA | 103.78 | EUR | BUYI |
| 24-10-19 13:29:25.917129 CET | XETA | 103.82 | EUR | BUYI |
| 24-10-19 13:30:42.969335 CET | XETA | 103.82 | EUR | BUYI |
| 24-10-19 13:30:42.969335 CET | XETA | 103.82 | EUR | BUYI |
| 24-10-19 13:38:41.367833 CET | XETA | 103.62 | EUR | BUYI |
| 24-10-19 13:38:41.367833 CET | XETA | 103.62 | EUR | BUYI |
| 24-10-19 13:42:31.311487 CET | XETA | 103.66 | EUR | BUYI |
| 24-10-19 13:50:42.904843 CET | XETA | 103.6 | EUR | BUYI |
| 24-10-19 13:55:53.118628 CET | XETA | 103.62 | EUR | BUYI |

