

| Broker | Transaction Date and Time | Volume | Price (GBP) | Platform | Transaction Reference Number |
|----------------------------|---------------------------|--------|-------------|----------|--|
| J.P. Morgan Securities plc | 23-Jul-2019 08:01:42 | 131 | 5994.0000 | XLON | 01502015000001456-E0eomcLEaCIZ20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 08:02:13 | 103 | 5992.0000 | XLON | 01502015000001392-E0eomcLEaDSg20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 08:02:25 | 122 | 5990.0000 | XLON | 01502015000001374-E0eomcLEaDtK20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 08:03:10 | 141 | 5992.0000 | XLON | 01502015000001984-E0eomcLEaFHn20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 08:04:27 | 132 | 5992.0000 | XLON | 11502115000002387-E0eomcLEaHzn20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 08:04:57 | 17 | 5990.0000 | XLON | 11502115000001847-E0eomcLEalon20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 08:04:57 | 108 | 5990.0000 | XLON | 11502115000001847-E0eomcLEalop20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 08:04:57 | 7 | 5990.0000 | XLON | 11502115000001847-E0eomcLEalor20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 08:04:57 | 103 | 5990.0000 | XLON | 11502115000001958-E0eomcLEalov20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 08:07:16 | 104 | 6000.0000 | XLON | 11502115000003376-E0eomcLEaOZe20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 08:07:41 | 137 | 5998.0000 | XLON | 01502015000003641-E0eomcLEaPSS20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 08:07:41 | 112 | 5998.0000 | XLON | 01502015000003641-E0eomcLEaPSU20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 08:07:45 | 102 | 5996.0000 | XLON | 11502115000003339-E0eomcLEaPf520190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 08:09:21 | 8 | 6002.0000 | XLON | 01502015000004539-E0eomcLEaU4z20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 08:09:21 | 152 | 6002.0000 | XLON | 01502015000004539-E0eomcLEaU4w20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 08:10:07 | 1 | 5996.0000 | XLON | 11502115000003339-E0eomcLEaVg820190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 08:10:45 | 114 | 5994.0000 | XLON | 01502015000003160-E0eomcLEaX1i20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 08:10:45 | 42 | 5994.0000 | XLON | 01502015000003160-E0eomcLEaX1k20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 08:14:33 | 209 | 6000.0000 | XLON | 01502015000006305-E0eomcLEae6720190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 08:14:33 | 122 | 6000.0000 | XLON | 11502115000006321-E0eomcLEae6320190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 08:14:33 | 17 | 6004.0000 | XLON | 01502015000006335-E0eomcLEae5M20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 08:14:33 | 75 | 6004.0000 | XLON | 01502015000006335-E0eomcLEae5O20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 08:14:33 | 32 | 6004.0000 | XLON | 01502015000006335-E0eomcLEae5Q20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 08:17:37 | 105 | 6012.0000 | XLON | 01502015000007595-E0eomcLEalby20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 08:17:37 | 105 | 6012.0000 | XLON | 11502115000007608-E0eomcLEalbw20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 08:17:37 | 92 | 6012.0000 | XLON | 11502115000007609-E0eomcLEalc820190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 08:17:37 | 16 | 6012.0000 | XLON | 11502115000007609-E0eomcLEalcC20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 08:18:58 | 81 | 6020.0000 | XLON | 01502015000008031-E0eomcLEaoJP20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 08:19:10 | 48 | 6018.0000 | XLON | 01502015000008021-E0eomcLEaoc420190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 08:19:10 | 117 | 6018.0000 | XLON | 01502015000008006-E0eomcLEaoc220190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 08:20:31 | 15 | 6020.0000 | XLON | 01502015000008601-E0eomcLEarFr20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 08:20:31 | 55 | 6020.0000 | XLON | 01502015000008601-E0eomcLEarFt20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 08:20:31 | 39 | 6020.0000 | XLON | 01502015000008601-E0eomcLEarFp20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 08:20:31 | 14 | 6020.0000 | XLON | 01502015000008601-E0eomcLEarFv20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 08:20:31 | 75 | 6020.0000 | XLON | 01502015000008601-E0eomcLEarFn20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 08:21:19 | 112 | 6020.0000 | XLON | 01502015000008920-E0eomcLEat4a20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 08:21:19 | 95 | 6020.0000 | XLON | 11502115000008932-E0eomcLEat4U20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 08:22:41 | 39 | 6020.0000 | XLON | 11502115000009486-E0eomcLEavgZ20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 08:24:18 | 4 | 6026.0000 | XLON | 11502115000009969-E0eomcLEayWQ20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 08:24:19 | 31 | 6026.0000 | XLON | 01502015000009978-E0eomcLEayXJ20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 08:24:19 | 3 | 6026.0000 | XLON | 01502015000009978-E0eomcLEayXL20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 08:24:20 | 11 | 6026.0000 | XLON | 01502015000009983-E0eomcLEayY120190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 08:24:20 | 27 | 6026.0000 | XLON | 01502015000009983-E0eomcLEayY520190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 08:24:20 | 31 | 6026.0000 | XLON | 01502015000009983-E0eomcLEayXx20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 08:24:20 | 75 | 6026.0000 | XLON | 01502015000009983-E0eomcLEayY320190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 08:24:20 | 2 | 6026.0000 | XLON | 01502015000009983-E0eomcLEayXz20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 08:24:39 | 23 | 6026.0000 | XLON | 11502115000010053-E0eomcLEayxy20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 08:24:39 | 3 | 6026.0000 | XLON | 11502115000010053-E0eomcLEayy020190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 08:25:56 | 9 | 6024.0000 | XLON | 11502115000010462-E0eomcLEb0yw20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 08:25:56 | 13 | 6024.0000 | XLON | 11502115000010412-E0eomcLEb0ys20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 08:25:56 | 82 | 6024.0000 | XLON | 11502115000010412-E0eomcLEb0yq20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 08:25:56 | 223 | 6024.0000 | XLON | 01502015000010118-E0eomcLEb0ym20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 08:25:56 | 95 | 6024.0000 | XLON | 01502015000010468-E0eomcLEb0yu20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 08:25:56 | 95 | 6024.0000 | XLON | 11502115000010162-E0eomcLEb0yo20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 08:26:01 | 39 | 6024.0000 | XLON | 11502115000010490-E0eomcLEb16F20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 08:26:38 | 89 | 6022.0000 | XLON | 01502015000010686-E0eomcLEb2C120190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 08:26:40 | 5 | 6022.0000 | XLON | 01502015000010686-E0eomcLEb2DO20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 08:26:40 | 1 | 6022.0000 | XLON | 01502015000010686-E0eomcLEb2DQ20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 08:27:41 | 1 | 6022.0000 | XLON | 11502115000011028-E0eomcLEb3NT20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 08:28:09 | 39 | 6022.0000 | XLON | 11502115000011132-E0eomcLEb41T20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 08:28:09 | 141 | 6022.0000 | XLON | 11502115000011132-E0eomcLEb41R20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 08:29:21 | 32 | 6022.0000 | XLON | 01502015000011662-E0eomcLEb5nW20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 08:29:21 | 75 | 6022.0000 | XLON | 01502015000011662-E0eomcLEb5nS20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 08:29:21 | 10 | 6022.0000 | XLON | 01502015000011662-E0eomcLEb5nU20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 08:29:49 | 144 | 6020.0000 | XLON | 11502115000010509-E0eomcLEb6qQ20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 08:31:01 | 31 | 6018.0000 | XLON | 01502015000012485-E0eomcLEb8uS20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 08:31:01 | 14 | 6018.0000 | XLON | 01502015000012485-E0eomcLEb8uW20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 08:31:01 | 17 | 6018.0000 | XLON | 01502015000012485-E0eomcLEb8uY20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 08:31:01 | 33 | 6018.0000 | XLON | 01502015000012485-E0eomcLEb8uU20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 08:31:01 | 57 | 6018.0000 | XLON | 01502015000012485-E0eomcLEb8ua20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 08:31:01 | 75 | 6018.0000 | XLON | 01502015000012485-E0eomcLEb8uQ20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 08:32:41 | 31 | 6016.0000 | XLON | 11502115000012997-E0eomcLEbBM520190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 08:32:41 | 75 | 6016.0000 | XLON | 11502115000012997-E0eomcLEbBM320190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 08:32:41 | 36 | 6016.0000 | XLON | 11502115000012997-E0eomcLEbBM720190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 08:34:03 | 125 | 6010.0000 | XLON | 11502115000010680-E0eomcLEbCw420190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 08:34:41 | 75 | 6014.0000 | XLON | 11502115000013462-E0eomcLEbE1I20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 08:35:45 | 121 | 6022.0000 | XLON | 01502015000013687-E0eomcLEbFrm20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 08:36:40 | 59 | 6028.0000 | XLON | 01502015000013954-E0eomcLEbIE320190723 |

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|----------------------------|----------------------|-----|-----------|------|--|
| J.P. Morgan Securities plc | 23-Jul-2019 08:36:40 | 75 | 6028.0000 | XLON | 01502015000013954-E0eomcLEbIE120190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 08:37:41 | 88 | 6030.0000 | XLON | 11502115000014187-E0eomcLEbJr720190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 08:37:41 | 75 | 6030.0000 | XLON | 11502115000014187-E0eomcLEbJr520190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 08:39:08 | 54 | 6028.0000 | XLON | 01502015000014635-E0eomcLEbM7120190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 08:39:08 | 13 | 6028.0000 | XLON | 01502015000014635-E0eomcLEbM6x20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 08:39:08 | 75 | 6028.0000 | XLON | 01502015000014635-E0eomcLEbM6z20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 08:40:08 | 10 | 6028.0000 | XLON | 11502115000015000-E0eomcLEbNhD20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 08:40:08 | 75 | 6028.0000 | XLON | 11502115000015000-E0eomcLEbNhF20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 08:40:08 | 26 | 6028.0000 | XLON | 11502115000015000-E0eomcLEbNhH20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 08:40:09 | 193 | 6024.0000 | XLON | 11502115000013762-E0eomcLEbNjh20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 08:42:14 | 184 | 6030.0000 | XLON | 01502015000015500-E0eomcLEbRCM20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 08:42:14 | 7 | 6030.0000 | XLON | 11502115000015580-E0eomcLEbRCS20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 08:42:14 | 178 | 6030.0000 | XLON | 11502115000015580-E0eomcLEbRCQ20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 08:42:57 | 218 | 6028.0000 | XLON | 01502015000015720-E0eomcLEbSBI20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 08:43:04 | 132 | 6024.0000 | XLON | 11502115000015714-E0eomcLEbSR620190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 08:44:21 | 10 | 6024.0000 | XLON | 01502015000016391-E0eomcLEbUCK20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 08:45:03 | 159 | 6024.0000 | XLON | 11502115000016407-E0eomcLEbVeQ20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 08:45:03 | 103 | 6024.0000 | XLON | 11502115000016589-E0eomcLEbVeg20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 08:46:01 | 90 | 6026.0000 | XLON | 01502015000016915-E0eomcLEbXHD20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 08:46:01 | 58 | 6026.0000 | XLON | 01502015000016915-E0eomcLEbXHF20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 08:47:41 | 78 | 6024.0000 | XLON | 01502015000017471-E0eomcLEba0f20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 08:47:41 | 75 | 6024.0000 | XLON | 01502015000017471-E0eomcLEba0d20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 08:49:21 | 75 | 6022.0000 | XLON | 11502115000017959-E0eomcLEbcf620190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 08:49:21 | 34 | 6022.0000 | XLON | 11502115000017959-E0eomcLEbcf820190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 08:49:21 | 24 | 6022.0000 | XLON | 11502115000017959-E0eomcLEbcf420190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 08:49:37 | 103 | 6020.0000 | XLON | 11502115000016909-E0eomcLEbcvk20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 08:56:46 | 2 | 6022.0000 | XLON | 11502115000021131-E0eomcLEbo1M20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 08:57:42 | 60 | 6026.0000 | XLON | 11502115000021295-E0eomcLEbpTX20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 08:57:42 | 8 | 6026.0000 | XLON | 01502015000021562-E0eomcLEbpTb20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 08:57:42 | 114 | 6026.0000 | XLON | 01502015000021557-E0eomcLEbpTZ20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 08:57:42 | 34 | 6026.0000 | XLON | 11502115000021295-E0eomcLEbpTV20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 08:57:42 | 143 | 6026.0000 | XLON | 11502115000021575-E0eomcLEbpTd20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 08:57:42 | 162 | 6026.0000 | XLON | 01502015000021168-E0eomcLEbpTT20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 08:57:42 | 94 | 6026.0000 | XLON | 01502015000021149-E0eomcLEbpTR20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 08:57:56 | 86 | 6024.0000 | XLON | 01502015000021642-E0eomcLEbq1R20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 08:57:56 | 75 | 6024.0000 | XLON | 01502015000021642-E0eomcLEbq1T20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 08:57:56 | 30 | 6024.0000 | XLON | 01502015000021642-E0eomcLEbq1V20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 08:59:23 | 100 | 6024.0000 | XLON | 11502115000021987-E0eomcLEbrpY20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 08:59:23 | 29 | 6024.0000 | XLON | 11502115000021987-E0eomcLEbrpa20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 08:59:23 | 32 | 6024.0000 | XLON | 11502115000021987-E0eomcLEbrpc20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 08:59:23 | 16 | 6024.0000 | XLON | 11502115000021987-E0eomcLEbrpe20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 09:01:28 | 36 | 6028.0000 | XLON | 11502115000022671-E0eomcLEbvix20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 09:01:28 | 69 | 6028.0000 | XLON | 11502115000022672-E0eomcLEbvi420190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 09:01:28 | 59 | 6028.0000 | XLON | 11502115000022671-E0eomcLEbvi220190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 09:01:28 | 23 | 6028.0000 | XLON | 11502115000022671-E0eomcLEbvi020190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 09:01:28 | 114 | 6028.0000 | XLON | 11502115000022672-E0eomcLEbvi620190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 09:01:33 | 40 | 6026.0000 | XLON | 11502115000022624-E0eomcLEbvnB20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 09:01:33 | 116 | 6026.0000 | XLON | 11502115000022633-E0eomcLEbvnD20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 09:01:33 | 52 | 6026.0000 | XLON | 11502115000022612-E0eomcLEbvn920190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 09:01:33 | 46 | 6026.0000 | XLON | 11502115000022612-E0eomcLEbvn520190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 09:01:33 | 47 | 6026.0000 | XLON | 11502115000022612-E0eomcLEbvn720190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 09:07:26 | 163 | 6034.0000 | XLON | 11502115000024646-E0eomcLEc3x320190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 09:07:26 | 67 | 6034.0000 | XLON | 11502115000024661-E0eomcLEc3x920190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 09:07:26 | 101 | 6034.0000 | XLON | 11502115000024666-E0eomcLEc3xB20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 09:07:26 | 99 | 6034.0000 | XLON | 11502115000024667-E0eomcLEc3xO20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 09:07:26 | 19 | 6034.0000 | XLON | 01502015000024666-E0eomcLEc3xV20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 09:07:26 | 99 | 6034.0000 | XLON | 01502015000024666-E0eomcLEc3xT20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 09:07:26 | 75 | 6034.0000 | XLON | 11502115000024667-E0eomcLEc3xJ20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 09:09:06 | 75 | 6028.0000 | XLON | 11502115000025037-E0eomcLEc5wp20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 09:09:06 | 50 | 6028.0000 | XLON | 11502115000025037-E0eomcLEc5wn20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 09:09:06 | 66 | 6028.0000 | XLON | 11502115000025037-E0eomcLEc5wl20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 09:09:06 | 62 | 6028.0000 | XLON | 11502115000025037-E0eomcLEc5wr20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 09:10:52 | 190 | 6030.0000 | XLON | 01502015000025303-E0eomcLEc8WP20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 09:11:01 | 100 | 6030.0000 | XLON | 01502015000025343-E0eomcLEc8ir20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 09:14:08 | 85 | 6038.0000 | XLON | 11502115000025958-E0eomcLEcDpp20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 09:14:08 | 78 | 6038.0000 | XLON | 11502115000025958-E0eomcLEcDpr20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 09:14:26 | 258 | 6036.0000 | XLON | 11502115000026016-E0eomcLEcElw20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 09:14:26 | 163 | 6036.0000 | XLON | 01502015000025846-E0eomcLEcEIs20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 09:16:53 | 108 | 6036.0000 | XLON | 01502015000026575-E0eomcLEcli320190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 09:16:53 | 24 | 6036.0000 | XLON | 01502015000026512-E0eomcLEclhz20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 09:16:53 | 23 | 6036.0000 | XLON | 01502015000026575-E0eomcLEcli520190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 09:16:53 | 49 | 6036.0000 | XLON | 01502015000026575-E0eomcLEcli120190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 09:16:53 | 105 | 6036.0000 | XLON | 01502015000026512-E0eomcLEclhv20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 09:17:48 | 120 | 6036.0000 | XLON | 11502115000026805-E0eomcLEcK3u20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 09:18:05 | 120 | 6034.0000 | XLON | 01502015000026798-E0eomcLEcKev20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 09:19:21 | 34 | 6030.0000 | XLON | 01502015000027237-E0eomcLEcM5s20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 09:19:21 | 34 | 6030.0000 | XLON | 01502015000027237-E0eomcLEcM5u20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 09:19:21 | 75 | 6030.0000 | XLON | 01502015000027237-E0eomcLEcM5q20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 09:20:18 | 112 | 6026.0000 | XLON | 11502115000027210-E0eomcLEcNIP20190723 |

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|----------------------------|----------------------|-----|-----------|------|---|
| J.P. Morgan Securities plc | 23-Jul-2019 09:21:19 | 132 | 6028.0000 | XLON | 01502015000027733-E0eomcLEcOzK20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 09:21:49 | 103 | 6026.0000 | XLON | 11502115000027644-E0eomcLEcPXw20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 09:24:04 | 123 | 6026.0000 | XLON | 11502115000028091-E0eomcLEcT4E20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 09:24:04 | 94 | 6026.0000 | XLON | 01502015000028243-E0eomcLEcT4G20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 09:24:24 | 50 | 6024.0000 | XLON | 11502115000028388-E0eomcLEcTTM20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 09:24:24 | 48 | 6024.0000 | XLON | 11502115000028388-E0eomcLEcTTO20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 09:26:01 | 12 | 6024.0000 | XLON | 11502115000028803-E0eomcLEcV6u20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 09:26:21 | 97 | 6024.0000 | XLON | 11502115000028916-E0eomcLEcVbe20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 09:30:50 | 94 | 6026.0000 | XLON | 01502015000030287-E0eomcLEcchHD20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 09:30:50 | 227 | 6026.0000 | XLON | 01502015000029861-E0eomcLEcchH920190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 09:31:01 | 75 | 6024.0000 | XLON | 11502115000030293-E0eomcLEcchQG20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 09:31:01 | 50 | 6024.0000 | XLON | 11502115000030293-E0eomcLEcchQE20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 09:31:01 | 56 | 6024.0000 | XLON | 11502115000030293-E0eomcLEcchQI20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 09:34:01 | 6 | 6036.0000 | XLON | 11502115000031089-E0eomcLEchks20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 09:34:01 | 106 | 6036.0000 | XLON | 11502115000031089-E0eomcLEchku20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 09:34:01 | 48 | 6036.0000 | XLON | 11502115000031089-E0eomcLEchkw20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 09:34:01 | 25 | 6036.0000 | XLON | 11502115000031089-E0eomcLEchky20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 09:34:41 | 150 | 6040.0000 | XLON | 11502115000031319-E0eomcLEcjo520190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 09:35:00 | 60 | 6038.0000 | XLON | 01502015000031306-E0eomcLEcckSy20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 09:35:00 | 100 | 6038.0000 | XLON | 01502015000031306-E0eomcLEcckSw20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 09:36:13 | 122 | 6038.0000 | XLON | 01502015000031819-E0eomcLEcmBh20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 09:36:37 | 3 | 6036.0000 | XLON | 01502015000031789-E0eomcLEcmnX20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 09:36:38 | 131 | 6036.0000 | XLON | 01502015000031789-E0eomcLEcmoE20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 09:38:01 | 11 | 6036.0000 | XLON | 11502115000032353-E0eomcLEcocJ20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 09:38:01 | 9 | 6036.0000 | XLON | 11502115000032353-E0eomcLEcocH20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 09:38:11 | 108 | 6036.0000 | XLON | 11502115000032374-E0eomcLEcom420190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 09:39:21 | 75 | 6034.0000 | XLON | 01502015000032786-E0eomcLEcqm920190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 09:39:21 | 50 | 6034.0000 | XLON | 01502015000032786-E0eomcLEcqm720190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 09:41:01 | 50 | 6034.0000 | XLON | 11502115000033099-E0eomcLEcsmK20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 09:41:01 | 75 | 6034.0000 | XLON | 11502115000033099-E0eomcLEcsmK20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 09:41:01 | 27 | 6034.0000 | XLON | 11502115000033099-E0eomcLEcsmO20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 09:41:52 | 117 | 6032.0000 | XLON | 11502115000032259-E0eomcLEctYH20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 09:42:41 | 37 | 6030.0000 | XLON | 01502015000033547-E0eomcLEcuKq20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 09:42:41 | 75 | 6030.0000 | XLON | 01502015000033547-E0eomcLEcuKo20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 09:42:41 | 11 | 6030.0000 | XLON | 01502015000033547-E0eomcLEcuKm20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 09:45:44 | 137 | 6032.0000 | XLON | 01502015000034150-E0eomcLEcxoQ20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 09:45:44 | 15 | 6032.0000 | XLON | 11502115000034199-E0eomcLEcxoQ20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 09:47:53 | 183 | 6038.0000 | XLON | 11502115000034869-E0eomcLEd15B20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 09:47:53 | 183 | 6036.0000 | XLON | 01502015000034848-E0eomcLEd15D20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 09:54:12 | 97 | 6036.0000 | XLON | 01502015000035761-E0eomcLEd8yG20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 09:54:12 | 130 | 6036.0000 | XLON | 11502115000035767-E0eomcLEd8yK20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 09:54:12 | 96 | 6036.0000 | XLON | 01502015000035920-E0eomcLEd8yM20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 09:54:12 | 39 | 6036.0000 | XLON | 01502015000035804-E0eomcLEd8yL20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 09:54:12 | 96 | 6036.0000 | XLON | 01502015000036367-E0eomcLEd8yO20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 09:54:12 | 126 | 6036.0000 | XLON | 11502115000036495-E0eomcLEd8yU20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 09:58:11 | 16 | 6032.0000 | XLON | 01502015000037551-E0eomcLEdDQB20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 09:58:11 | 172 | 6032.0000 | XLON | 01502015000037457-E0eomcLEdDQ120190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 09:58:11 | 95 | 6032.0000 | XLON | 11502115000037496-E0eomcLEdDQ920190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 09:58:11 | 94 | 6032.0000 | XLON | 01502015000037449-E0eomcLEdDPz20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 09:58:11 | 8 | 6032.0000 | XLON | 11502115000037505-E0eomcLEdDQI20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 09:58:11 | 94 | 6032.0000 | XLON | 11502115000037416-E0eomcLEdDQ320190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 09:58:11 | 28 | 6032.0000 | XLON | 11502115000037505-E0eomcLEdDQG20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 09:58:11 | 113 | 6032.0000 | XLON | 11502115000037505-E0eomcLEdDQD20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 09:58:11 | 6 | 6032.0000 | XLON | 11502115000037505-E0eomcLEdDQK20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 09:59:51 | 50 | 6026.0000 | XLON | 01502015000037841-E0eomcLEdFT120190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 09:59:51 | 75 | 6026.0000 | XLON | 01502015000037841-E0eomcLEdFSz20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 10:01:51 | 5 | 6028.0000 | XLON | 11502115000038047-E0eomcLEdHqP20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 10:02:07 | 88 | 6028.0000 | XLON | 11502115000038121-E0eomcLEdI5Z20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 10:02:07 | 21 | 6028.0000 | XLON | 01502015000038221-E0eomcLEdI5e20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 10:02:07 | 14 | 6028.0000 | XLON | 11502115000038047-E0eomcLEdI5I20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 10:02:07 | 2 | 6028.0000 | XLON | 11502115000038047-E0eomcLEdI5K20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 10:02:07 | 152 | 6028.0000 | XLON | 11502115000038047-E0eomcLEdI5E20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 10:02:07 | 17 | 6028.0000 | XLON | 01502015000038221-E0eomcLEdI5j20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 10:02:07 | 3 | 6028.0000 | XLON | 01502015000038221-E0eomcLEdI5h20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 10:02:07 | 114 | 6028.0000 | XLON | 11502115000038121-E0eomcLEdI5c20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 10:02:41 | 43 | 6028.0000 | XLON | 01502015000038325-E0eomcLEdlm420190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 10:02:41 | 75 | 6028.0000 | XLON | 01502015000038325-E0eomcLEdlm220190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 10:04:21 | 75 | 6030.0000 | XLON | 01502015000038818-E0eomcLEdKKY20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 10:05:00 | 94 | 6028.0000 | XLON | 01502015000038571-E0eomcLEdKuj20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 10:06:38 | 114 | 6026.0000 | XLON | 11502115000039411-E0eomcLEdMoB20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 10:06:38 | 148 | 6026.0000 | XLON | 11502115000039293-E0eomcLEdMo920190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 10:07:47 | 129 | 6024.0000 | XLON | 01502015000039785-E0eomcLEdO2g20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 10:08:49 | 37 | 6022.0000 | XLON | 11502115000039738-E0eomcLEdPKo20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 10:08:49 | 30 | 6022.0000 | XLON | 11502115000039738-E0eomcLEdPKk20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 10:08:49 | 33 | 6022.0000 | XLON | 11502115000039738-E0eomcLEdPKm20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 10:15:39 | 5 | 6026.0000 | XLON | 11502115000042454-E0eomcLEdWC420190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 10:15:39 | 53 | 6026.0000 | XLON | 11502115000042550-E0eomcLEdWCN20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 10:15:39 | 108 | 6026.0000 | XLON | 01502015000042505-E0eomcLEdWCB20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 10:15:39 | 18 | 6026.0000 | XLON | 01502015000042594-E0eomcLEdWCF20190723 |

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|----------------------------|----------------------|-----|-----------|------|---|
| J.P. Morgan Securities plc | 23-Jul-2019 10:15:39 | 24 | 6026.0000 | XLON | 01502015000042594-E0eomcLEdWCH20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 10:15:39 | 67 | 6026.0000 | XLON | 11502115000042550-E0eomcLEdWCn20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 10:15:39 | 22 | 6026.0000 | XLON | 01502015000042471-E0eomcLEdWBb20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 10:15:39 | 65 | 6026.0000 | XLON | 01502015000042471-E0eomcLEdWC020190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 10:15:39 | 21 | 6026.0000 | XLON | 01502015000042471-E0eomcLEdWC220190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 10:15:39 | 39 | 6026.0000 | XLON | 11502115000042454-E0eomcLEdWC720190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 10:15:39 | 104 | 6026.0000 | XLON | 01502015000042503-E0eomcLEdWC920190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 10:15:39 | 41 | 6026.0000 | XLON | 01502015000042594-E0eomcLEdWCD20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 10:15:39 | 52 | 6026.0000 | XLON | 01502015000042594-E0eomcLEdWCL20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 10:16:01 | 94 | 6024.0000 | XLON | 11502115000042647-E0eomcLEdWiF20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 10:16:01 | 59 | 6024.0000 | XLON | 11502115000042647-E0eomcLEdWiH20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 10:19:09 | 91 | 6024.0000 | XLON | 11502115000043165-E0eomcLEdZRH20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 10:20:03 | 72 | 6024.0000 | XLON | 11502115000043445-E0eomcLEdaXL20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 10:20:03 | 56 | 6024.0000 | XLON | 01502015000043675-E0eomcLEdaXP20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 10:20:03 | 76 | 6024.0000 | XLON | 01502015000043675-E0eomcLEdaXc20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 10:20:03 | 100 | 6024.0000 | XLON | 11502115000043445-E0eomcLEdaX120190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 10:21:50 | 98 | 6022.0000 | XLON | 11502115000044031-E0eomcLEdciV20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 10:22:13 | 97 | 6022.0000 | XLON | 11502115000044099-E0eomcLEddf20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 10:22:27 | 6 | 6022.0000 | XLON | 11502115000044099-E0eomcLEde3o20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 10:22:27 | 4 | 6022.0000 | XLON | 11502115000044099-E0eomcLEde3i20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 10:22:27 | 11 | 6022.0000 | XLON | 11502115000044099-E0eomcLEde3m20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 10:22:59 | 75 | 6020.0000 | XLON | 01502015000044629-E0eomcLEdeVh20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 10:22:59 | 32 | 6020.0000 | XLON | 01502015000044629-E0eomcLEdeVj20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 10:24:21 | 50 | 6018.0000 | XLON | 11502115000044950-E0eomcLEdfpG20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 10:24:21 | 22 | 6018.0000 | XLON | 11502115000044950-E0eomcLEdfpI20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 10:24:21 | 75 | 6018.0000 | XLON | 11502115000044950-E0eomcLEdfpE20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 10:24:31 | 49 | 6016.0000 | XLON | 11502115000044517-E0eomcLEdg1m20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 10:24:33 | 50 | 6016.0000 | XLON | 11502115000044517-E0eomcLEdg2o20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 10:26:14 | 19 | 6016.0000 | XLON | 11502115000045522-E0eomcLEdhhy20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 10:26:14 | 75 | 6016.0000 | XLON | 11502115000045522-E0eomcLEdhhw20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 10:28:01 | 75 | 6014.0000 | XLON | 01502015000046016-E0eomcLEdjdq20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 10:28:01 | 40 | 6014.0000 | XLON | 01502015000046016-E0eomcLEjdjs20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 10:28:14 | 149 | 6012.0000 | XLON | 01502015000045465-E0eomcLEdjuQ20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 10:29:28 | 51 | 6008.0000 | XLON | 11502115000046381-E0eomcLEdIFI20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 10:29:38 | 35 | 6008.0000 | XLON | 11502115000046381-E0eomcLEdIOE20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 10:29:38 | 22 | 6008.0000 | XLON | 11502115000046381-E0eomcLEdIOG20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 10:31:58 | 14 | 6008.0000 | XLON | 01502015000047073-E0eomcLEdnW920190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 10:31:58 | 44 | 6008.0000 | XLON | 01502015000047073-E0eomcLEdnW520190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 10:31:58 | 9 | 6008.0000 | XLON | 01502015000047073-E0eomcLEdnW720190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 10:33:00 | 172 | 6008.0000 | XLON | 11502115000047282-E0eomcLEdoVz20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 10:33:33 | 122 | 6006.0000 | XLON | 01502015000046874-E0eomcLEdpGe20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 10:35:28 | 102 | 6008.0000 | XLON | 01502015000047899-E0eomcLEdr8p20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 10:35:46 | 118 | 6008.0000 | XLON | 11502115000048027-E0eomcLEdrLe20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 10:36:20 | 68 | 6008.0000 | XLON | 01502015000048341-E0eomcLEdrvk20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 10:36:20 | 61 | 6008.0000 | XLON | 01502015000048341-E0eomcLEdrvm20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 10:38:58 | 50 | 6008.0000 | XLON | 11502115000049237-E0eomcLEduyZ20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 10:38:58 | 24 | 6008.0000 | XLON | 11502115000049237-E0eomcLEduyb20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 10:38:58 | 75 | 6008.0000 | XLON | 11502115000049237-E0eomcLEduyX20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 10:39:21 | 75 | 6008.0000 | XLON | 11502115000049360-E0eomcLEdvtT720190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 10:39:21 | 50 | 6008.0000 | XLON | 11502115000049360-E0eomcLEdvtT920190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 10:39:46 | 109 | 6006.0000 | XLON | 01502015000048258-E0eomcLEdvr20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 10:44:48 | 11 | 6006.0000 | XLON | 01502015000050981-E0eomcLEe0Vo20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 10:44:48 | 84 | 6006.0000 | XLON | 11502115000050926-E0eomcLEe0Vi20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 10:44:48 | 32 | 6006.0000 | XLON | 11502115000050934-E0eomcLEe0Vm20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 10:44:48 | 27 | 6006.0000 | XLON | 11502115000050578-E0eomcLEe0Ve20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 10:44:48 | 57 | 6006.0000 | XLON | 01502015000050936-E0eomcLEe0Vg20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 10:44:48 | 68 | 6006.0000 | XLON | 11502115000050926-E0eomcLEe0Vk20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 10:44:48 | 134 | 6006.0000 | XLON | 11502115000050433-E0eomcLEe0Vc20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 10:46:01 | 9 | 6006.0000 | XLON | 01502015000051248-E0eomcLEe1cf20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 10:46:01 | 75 | 6006.0000 | XLON | 01502015000051248-E0eomcLEe1cd20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 10:46:01 | 36 | 6006.0000 | XLON | 01502015000051248-E0eomcLEe1ch20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 10:50:01 | 39 | 6006.0000 | XLON | 11502115000052261-E0eomcLEe5KV20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 10:50:01 | 105 | 6006.0000 | XLON | 11502115000052261-E0eomcLEe5KT20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 10:50:01 | 82 | 6006.0000 | XLON | 01502015000052303-E0eomcLEe5Kd20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 10:50:01 | 64 | 6006.0000 | XLON | 01502015000052303-E0eomcLEe5Kb20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 10:50:01 | 36 | 6006.0000 | XLON | 01502015000052303-E0eomcLEe5Kf20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 10:50:01 | 28 | 6006.0000 | XLON | 11502115000052261-E0eomcLEe5KX20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 10:50:01 | 28 | 6006.0000 | XLON | 01502015000052297-E0eomcLEe5KZ20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 10:53:35 | 17 | 6014.0000 | XLON | 11502115000053437-E0eomcLEe8xu20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 10:53:35 | 75 | 6014.0000 | XLON | 11502115000053437-E0eomcLEe8xq20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 10:53:35 | 120 | 6014.0000 | XLON | 11502115000053437-E0eomcLEe8xs20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 10:54:09 | 95 | 6012.0000 | XLON | 01502015000053380-E0eomcLEe9YD20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 10:54:09 | 60 | 6012.0000 | XLON | 01502015000053380-E0eomcLEe9YF20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 10:54:41 | 32 | 6012.0000 | XLON | 11502115000053756-E0eomcLEeA2h20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 10:54:41 | 75 | 6012.0000 | XLON | 11502115000053756-E0eomcLEeA2f20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 10:54:41 | 31 | 6012.0000 | XLON | 11502115000053756-E0eomcLEeA2d20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 10:54:56 | 173 | 6010.0000 | XLON | 11502115000053623-E0eomcLEeAEy20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 10:56:01 | 75 | 6010.0000 | XLON | 01502015000054186-E0eomcLEeBO920190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 10:57:41 | 75 | 6010.0000 | XLON | 11502115000054479-E0eomcLEeCWe20190723 |

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| J.P. Morgan Securities plc | 23-Jul-2019 10:57:41 | 50 | 6010.0000 | XLON | 11502115000054479-E0eomcLEeCWg20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 11:00:47 | 75 | 6014.0000 | XLON | 11502115000055316-E0eomcLEeFa920190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 11:00:47 | 3 | 6014.0000 | XLON | 11502115000055316-E0eomcLEeFaB20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 11:00:47 | 10 | 6014.0000 | XLON | 11502115000055316-E0eomcLEeFa720190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 11:00:47 | 47 | 6014.0000 | XLON | 11502115000055316-E0eomcLEeFa520190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 11:01:01 | 50 | 6014.0000 | XLON | 01502015000055467-E0eomcLEeFIT20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 11:01:01 | 75 | 6014.0000 | XLON | 01502015000055467-E0eomcLEeFIR20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 11:02:41 | 75 | 6014.0000 | XLON | 11502115000055822-E0eomcLEeHWg20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 11:03:42 | 147 | 6012.0000 | XLON | 01502015000055167-E0eomcLEeIZ820190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 11:05:00 | 141 | 6014.0000 | XLON | 11502115000056384-E0eomcLEeJwB20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 11:05:00 | 10 | 6014.0000 | XLON | 11502115000056384-E0eomcLEeJwD20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 11:06:09 | 19 | 6012.0000 | XLON | 11502115000056221-E0eomcLEeLh20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 11:12:01 | 94 | 6018.0000 | XLON | 11502115000058830-E0eomcLEeQ8920190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 11:12:01 | 1 | 6018.0000 | XLON | 01502015000058865-E0eomcLEeQ8D20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 11:12:01 | 252 | 6018.0000 | XLON | 01502015000058850-E0eomcLEeQ8720190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 11:12:01 | 10 | 6018.0000 | XLON | 11502115000058821-E0eomcLEeQ8520190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 11:12:01 | 6 | 6018.0000 | XLON | 11502115000058840-E0eomcLEeQ8B20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 11:12:01 | 252 | 6018.0000 | XLON | 11502115000058807-E0eomcLEeQ8320190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 11:13:40 | 108 | 6018.0000 | XLON | 11502115000058993-E0eomcLEeTPM20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 11:13:42 | 36 | 6018.0000 | XLON | 11502115000059475-E0eomcLEeTQQ20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 11:13:42 | 86 | 6018.0000 | XLON | 11502115000059475-E0eomcLEeTQO20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 11:14:28 | 147 | 6016.0000 | XLON | 01502015000059349-E0eomcLEeUFo20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 11:19:54 | 13 | 6020.0000 | XLON | 01502015000061183-E0eomcLEeZKF20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 11:20:01 | 263 | 6020.0000 | XLON | 01502015000061192-E0eomcLEeZST20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 11:20:01 | 126 | 6020.0000 | XLON | 11502115000061235-E0eomcLEeZSV20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 11:20:01 | 103 | 6020.0000 | XLON | 01502015000061236-E0eomcLEeZSX20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 11:20:55 | 103 | 6016.0000 | XLON | 11502115000061227-E0eomcLEeAJO20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 11:20:55 | 93 | 6016.0000 | XLON | 01502015000061235-E0eomcLEeAJQ20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 11:21:39 | 10 | 6016.0000 | XLON | 01502015000061696-E0eomcLEeanB20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 11:21:59 | 17 | 6016.0000 | XLON | 11502115000061759-E0eomcLEebBf20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 11:21:59 | 75 | 6016.0000 | XLON | 11502115000061759-E0eomcLEebBb20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 11:21:59 | 7 | 6016.0000 | XLON | 11502115000061759-E0eomcLEebBd20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 11:22:39 | 113 | 6014.0000 | XLON | 01502015000061498-E0eomcLEebIK20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 11:22:46 | 103 | 6014.0000 | XLON | 11502115000061910-E0eomcLEec3320190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 11:24:41 | 75 | 6016.0000 | XLON | 01502015000062262-E0eomcLEeell20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 11:37:47 | 68 | 6020.0000 | XLON | 01502015000065565-E0eomcLEerAO20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 11:37:47 | 29 | 6020.0000 | XLON | 11502115000064688-E0eomcLEerAI20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 11:37:47 | 75 | 6020.0000 | XLON | 11502115000066168-E0eomcLEerAq20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 11:37:47 | 12 | 6020.0000 | XLON | 11502115000066113-E0eomcLEerAf20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 11:37:47 | 94 | 6020.0000 | XLON | 01502015000065919-E0eomcLEerAZ20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 11:37:47 | 94 | 6020.0000 | XLON | 11502115000064253-E0eomcLEerAG20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 11:37:47 | 95 | 6020.0000 | XLON | 01502015000065199-E0eomcLEerAM20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 11:37:47 | 19 | 6020.0000 | XLON | 01502015000065565-E0eomcLEerAR20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 11:37:47 | 65 | 6020.0000 | XLON | 11502115000064688-E0eomcLEerAK20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 11:37:47 | 253 | 6020.0000 | XLON | 01502015000065605-E0eomcLEerAV20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 11:37:47 | 83 | 6020.0000 | XLON | 11502115000066113-E0eomcLEerAb20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 11:37:47 | 20 | 6020.0000 | XLON | 11502115000066118-E0eomcLEerAh20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 11:37:47 | 8 | 6020.0000 | XLON | 01502015000065565-E0eomcLEerAT20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 11:38:00 | 108 | 6020.0000 | XLON | 01502015000066156-E0eomcLEerNS20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 11:38:00 | 95 | 6020.0000 | XLON | 11502115000066169-E0eomcLEerNU20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 11:38:00 | 45 | 6020.0000 | XLON | 11502115000066168-E0eomcLEerNQ20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 11:39:56 | 136 | 6018.0000 | XLON | 11502115000066468-E0eomcLEetCd20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 11:40:44 | 45 | 6016.0000 | XLON | 11502115000066164-E0eomcLEeu4z20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 11:40:44 | 27 | 6016.0000 | XLON | 01502015000066157-E0eomcLEeu5320190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 11:40:44 | 50 | 6016.0000 | XLON | 11502115000066164-E0eomcLEeu5120190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 11:48:53 | 37 | 6020.0000 | XLON | 11502115000069188-E0eomcLEf0nS20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 11:48:53 | 95 | 6020.0000 | XLON | 11502115000069161-E0eomcLEf0nD20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 11:48:53 | 11 | 6020.0000 | XLON | 11502115000069188-E0eomcLEf0nP20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 11:48:53 | 95 | 6020.0000 | XLON | 01502015000069171-E0eomcLEf0nH20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 11:48:53 | 28 | 6020.0000 | XLON | 01502015000069185-E0eomcLEf0nN20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 11:48:53 | 94 | 6020.0000 | XLON | 11502115000069179-E0eomcLEf0nJ20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 11:48:53 | 90 | 6020.0000 | XLON | 01502015000067744-E0eomcLEf0n720190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 11:48:53 | 199 | 6020.0000 | XLON | 11502115000067753-E0eomcLEf0n520190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 11:48:53 | 27 | 6020.0000 | XLON | 11502115000069169-E0eomcLEf0nF20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 11:48:53 | 94 | 6020.0000 | XLON | 01502015000068723-E0eomcLEf0nB20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 11:50:29 | 147 | 6020.0000 | XLON | 01502015000069370-E0eomcLEf2or20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 11:52:15 | 131 | 6020.0000 | XLON | 01502015000070067-E0eomcLEf4JY20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 11:54:41 | 10 | 6020.0000 | XLON | 01502015000070654-E0eomcLEf5tV20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 11:54:41 | 75 | 6020.0000 | XLON | 01502015000070654-E0eomcLEf5tT20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 11:55:09 | 143 | 6018.0000 | XLON | 01502015000070047-E0eomcLEf6Ws20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 11:56:30 | 2 | 6016.0000 | XLON | 01502015000070263-E0eomcLEf6FB20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 11:57:51 | 50 | 6018.0000 | XLON | 11502115000071357-E0eomcLEf9du20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 11:57:51 | 57 | 6018.0000 | XLON | 11502115000071357-E0eomcLEf9dw20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 11:57:51 | 61 | 6018.0000 | XLON | 11502115000071357-E0eomcLEf9ds20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 11:57:53 | 2 | 6016.0000 | XLON | 01502015000070263-E0eomcLEf9ii20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 11:58:03 | 5 | 6016.0000 | XLON | 01502015000070263-E0eomcLEf9sx20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 11:58:03 | 52 | 6016.0000 | XLON | 01502015000070263-E0eomcLEf9sr20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 11:58:03 | 52 | 6016.0000 | XLON | 01502015000070263-E0eomcLEf9sz20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 11:59:49 | 8 | 6012.0000 | XLON | 11502115000070705-E0eomcLEfCUm20190723 |

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| J.P. Morgan Securities plc | 23-Jul-2019 12:02:33 | 27 | 6016.0000 | XLON | 11502115000073544-E0eomcLEfHj120190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 12:02:33 | 84 | 6016.0000 | XLON | 11502115000073544-E0eomcLEfHj320190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 12:02:33 | 9 | 6016.0000 | XLON | 11502115000073544-E0eomcLEfHj520190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 12:03:15 | 2 | 6016.0000 | XLON | 01502015000073653-E0eomcLEfInD20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 12:03:32 | 89 | 6020.0000 | XLON | 11502115000074054-E0eomcLEfJA520190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 12:03:32 | 102 | 6020.0000 | XLON | 11502115000074054-E0eomcLEfJA720190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 12:03:32 | 41 | 6020.0000 | XLON | 11502115000074054-E0eomcLEfJA320190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 12:03:55 | 107 | 6018.0000 | XLON | 01502015000073899-E0eomcLEfJfj20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 12:03:55 | 49 | 6018.0000 | XLON | 01502015000073899-E0eomcLEfJfl20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 12:03:55 | 107 | 6018.0000 | XLON | 01502015000073892-E0eomcLEfJfh20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 12:04:36 | 65 | 6014.0000 | XLON | 01502015000074007-E0eomcLEfKeA20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 12:04:36 | 2 | 6014.0000 | XLON | 11502115000074030-E0eomcLEfKe620190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 12:04:36 | 129 | 6014.0000 | XLON | 11502115000074030-E0eomcLEfKe820190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 12:07:18 | 2 | 6020.0000 | XLON | 11502115000075541-E0eomcLEfPP220190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 12:07:36 | 20 | 6020.0000 | XLON | 11502115000075541-E0eomcLEfQOQ20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 12:07:36 | 83 | 6020.0000 | XLON | 11502115000075541-E0eomcLEfQOp20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 12:07:36 | 16 | 6020.0000 | XLON | 11502115000075541-E0eomcLEfQOd20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 12:08:39 | 2 | 6018.0000 | XLON | 01502015000075308-E0eomcLEfRXJ20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 12:10:06 | 2 | 6018.0000 | XLON | 01502015000075308-E0eomcLEfTX620190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 12:10:14 | 48 | 6020.0000 | XLON | 11502115000076279-E0eomcLEfThD20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 12:10:33 | 103 | 6020.0000 | XLON | 01502015000076358-E0eomcLEfUOR20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 12:11:16 | 57 | 6020.0000 | XLON | 01502015000076490-E0eomcLEfUSK20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 12:12:13 | 33 | 6020.0000 | XLON | 01502015000076678-E0eomcLEfVIX20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 12:12:13 | 72 | 6020.0000 | XLON | 01502015000076678-E0eomcLEfVIV20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 12:13:43 | 90 | 6020.0000 | XLON | 11502115000077077-E0eomcLEfXCg20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 12:13:43 | 63 | 6020.0000 | XLON | 11502115000077077-E0eomcLEfXCi20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 12:13:58 | 90 | 6018.0000 | XLON | 01502015000075308-E0eomcLEfXSJ20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 12:16:02 | 150 | 6020.0000 | XLON | 01502015000077394-E0eomcLEfZRz20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 12:17:45 | 9 | 6020.0000 | XLON | 11502115000077673-E0eomcLEfafM20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 12:17:45 | 14 | 6020.0000 | XLON | 11502115000077673-E0eomcLEfafI20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 12:17:45 | 52 | 6020.0000 | XLON | 11502115000077673-E0eomcLEfafK20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 12:17:45 | 92 | 6020.0000 | XLON | 11502115000077673-E0eomcLEfafO20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 12:18:00 | 145 | 6018.0000 | XLON | 01502015000077335-E0eomcLEfat120190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 12:18:56 | 62 | 6018.0000 | XLON | 01502015000077335-E0eomcLEf2U20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 12:20:11 | 75 | 6020.0000 | XLON | 01502015000078028-E0eomcLEfJb20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 12:20:11 | 48 | 6020.0000 | XLON | 01502015000078028-E0eomcLEfJZ20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 12:20:11 | 7 | 6020.0000 | XLON | 01502015000078028-E0eomcLEfJX20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 12:20:11 | 50 | 6020.0000 | XLON | 01502015000078028-E0eomcLEfJd20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 12:21:47 | 136 | 6018.0000 | XLON | 11502115000078002-E0eomcLEffO420190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 12:22:37 | 67 | 6018.0000 | XLON | 11502115000078389-E0eomcLEfghH20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 12:25:17 | 177 | 6020.0000 | XLON | 11502115000078594-E0eomcLEfk9P20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 12:27:17 | 75 | 6020.0000 | XLON | 01502015000079058-E0eomcLEflzI20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 12:27:17 | 62 | 6020.0000 | XLON | 01502015000079058-E0eomcLEflzn20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 12:28:41 | 68 | 6020.0000 | XLON | 01502015000079236-E0eomcLEfmxy20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 12:28:41 | 84 | 6020.0000 | XLON | 01502015000079236-E0eomcLEfmwx20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 12:30:13 | 75 | 6020.0000 | XLON | 01502015000079371-E0eomcLEfoFd20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 12:30:13 | 50 | 6020.0000 | XLON | 01502015000079371-E0eomcLEfoFf20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 12:30:13 | 67 | 6020.0000 | XLON | 01502015000079371-E0eomcLEfoFh20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 12:31:53 | 9 | 6020.0000 | XLON | 11502115000079705-E0eomcLEfpd820190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 12:31:53 | 23 | 6020.0000 | XLON | 11502115000079705-E0eomcLEfpd620190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 12:32:13 | 75 | 6020.0000 | XLON | 01502015000079771-E0eomcLEfpnu20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 12:33:15 | 114 | 6020.0000 | XLON | 01502015000079986-E0eomcLEfqQp20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 12:33:15 | 23 | 6020.0000 | XLON | 01502015000079986-E0eomcLEfqQs20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 12:33:41 | 38 | 6018.0000 | XLON | 01502015000078569-E0eomcLEfqnC20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 12:33:41 | 39 | 6018.0000 | XLON | 01502015000078569-E0eomcLEfqn720190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 12:33:41 | 58 | 6018.0000 | XLON | 01502015000078569-E0eomcLEfqnP20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 12:39:31 | 76 | 6020.0000 | XLON | 11502115000080884-E0eomcLEfvzq20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 12:39:31 | 58 | 6020.0000 | XLON | 01502015000080866-E0eomcLEfvzw20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 12:39:31 | 219 | 6020.0000 | XLON | 11502115000081033-E0eomcLEfw0020190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 12:39:31 | 66 | 6020.0000 | XLON | 01502015000080866-E0eomcLEfvzs20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 12:39:31 | 312 | 6020.0000 | XLON | 01502015000080709-E0eomcLEfvzf20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 12:39:31 | 12 | 6020.0000 | XLON | 11502115000080884-E0eomcLEfvzi20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 12:39:31 | 20 | 6020.0000 | XLON | 01502015000080709-E0eomcLEfvzh20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 12:39:31 | 145 | 6020.0000 | XLON | 01502015000080882-E0eomcLEfvzy20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 12:39:31 | 96 | 6020.0000 | XLON | 01502015000081005-E0eomcLEfw0220190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 12:39:31 | 116 | 6020.0000 | XLON | 01502015000081010-E0eomcLEfw0420190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 12:39:31 | 6 | 6020.0000 | XLON | 11502115000080884-E0eomcLEfvzo20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 12:41:26 | 113 | 6016.0000 | XLON | 01502015000081369-E0eomcLEfxTn20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 12:42:28 | 119 | 6014.0000 | XLON | 11502115000081403-E0eomcLEfyRM20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 12:56:01 | 86 | 6018.0000 | XLON | 01502015000084877-E0eomcLEg9Nh20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 12:56:01 | 100 | 6018.0000 | XLON | 01502015000084877-E0eomcLEg9Nj20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 12:56:01 | 50 | 6018.0000 | XLON | 01502015000084877-E0eomcLEg9NZ20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 12:56:01 | 61 | 6018.0000 | XLON | 01502015000084877-E0eomcLEg9Nf20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 12:56:01 | 165 | 6016.0000 | XLON | 11502115000083510-E0eomcLEg9Nu20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 12:56:01 | 75 | 6018.0000 | XLON | 01502015000084877-E0eomcLEg9Nb20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 12:56:01 | 13 | 6016.0000 | XLON | 11502115000083616-E0eomcLEg9O020190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 12:56:01 | 189 | 6016.0000 | XLON | 01502015000083598-E0eomcLEg9Ny20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 12:56:01 | 60 | 6016.0000 | XLON | 11502115000083863-E0eomcLEg9O220190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 12:56:01 | 51 | 6016.0000 | XLON | 01502015000083509-E0eomcLEg9Nw20190723 |

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|----------------------------|----------------------|-----|-----------|------|--|
| J.P. Morgan Securities plc | 23-Jul-2019 12:56:01 | 169 | 6018.0000 | XLON | 01502015000084877-E0eomcLEg9Nd20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 12:59:28 | 60 | 6016.0000 | XLON | 01502015000085540-E0eomcLEgC4C20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 12:59:28 | 75 | 6016.0000 | XLON | 01502015000085540-E0eomcLEgC4A20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 13:00:20 | 138 | 6014.0000 | XLON | 11502115000085194-E0eomcLEgCiB20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 13:02:03 | 90 | 6014.0000 | XLON | 11502115000086015-E0eomcLEgEXP20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 13:02:03 | 61 | 6014.0000 | XLON | 11502115000086015-E0eomcLEgEXR20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 13:02:03 | 130 | 6012.0000 | XLON | 01502015000085102-E0eomcLEgEY920190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 13:03:24 | 33 | 6012.0000 | XLON | 01502015000086110-E0eomcLEgFZ820190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 13:03:24 | 27 | 6012.0000 | XLON | 01502015000086110-E0eomcLEgFZA20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 13:03:24 | 46 | 6012.0000 | XLON | 01502015000086103-E0eomcLEgFZ420190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 13:03:24 | 9 | 6012.0000 | XLON | 01502015000086103-E0eomcLEgFZ220190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 13:03:24 | 58 | 6012.0000 | XLON | 01502015000086103-E0eomcLEgFYz20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 13:03:24 | 18 | 6012.0000 | XLON | 01502015000086103-E0eomcLEgFZ620190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 13:03:24 | 56 | 6012.0000 | XLON | 01502015000086094-E0eomcLEgFYx20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 13:03:24 | 63 | 6012.0000 | XLON | 01502015000086094-E0eomcLEgFYv20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 13:06:31 | 191 | 6012.0000 | XLON | 11502115000086638-E0eomcLEgIDt20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 13:07:35 | 16 | 6012.0000 | XLON | 01502015000086885-E0eomcLEgJas20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 13:07:35 | 120 | 6012.0000 | XLON | 01502015000086885-E0eomcLEgJau20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 13:10:12 | 133 | 6014.0000 | XLON | 11502115000087357-E0eomcLEgMfG20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 13:11:35 | 166 | 6014.0000 | XLON | 01502015000087755-E0eomcLEgNqb20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 13:11:35 | 33 | 6014.0000 | XLON | 01502015000087755-E0eomcLEgNqd20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 13:12:04 | 13 | 6012.0000 | XLON | 01502015000087270-E0eomcLEgOja20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 13:12:04 | 52 | 6012.0000 | XLON | 11502115000087269-E0eomcLEgOjf20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 13:12:04 | 5 | 6012.0000 | XLON | 01502015000087270-E0eomcLEgOjd20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 13:12:04 | 115 | 6012.0000 | XLON | 01502015000087270-E0eomcLEgOjW20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 13:13:47 | 24 | 6012.0000 | XLON | 11502115000088185-E0eomcLEgPt920190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 13:13:47 | 87 | 6012.0000 | XLON | 11502115000088185-E0eomcLEgPtB20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 13:13:57 | 69 | 6012.0000 | XLON | 01502015000088218-E0eomcLEgPxz20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 13:13:57 | 23 | 6012.0000 | XLON | 01502015000088218-E0eomcLEgPy320190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 13:13:57 | 81 | 6012.0000 | XLON | 01502015000088218-E0eomcLEgPy120190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 13:15:57 | 57 | 6012.0000 | XLON | 11502115000088637-E0eomcLEgSpt20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 13:17:17 | 103 | 6012.0000 | XLON | 11502115000088904-E0eomcLEgUSO20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 13:18:57 | 150 | 6012.0000 | XLON | 01502015000089152-E0eomcLEgWI620190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 13:18:57 | 70 | 6012.0000 | XLON | 01502015000089152-E0eomcLEgWI820190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 13:19:58 | 121 | 6010.0000 | XLON | 01502015000087916-E0eomcLEgXXm20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 13:20:37 | 139 | 6010.0000 | XLON | 01502015000089548-E0eomcLEgYRA20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 13:23:07 | 135 | 6010.0000 | XLON | 01502015000089910-E0eomcLEgBgC20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 13:23:09 | 141 | 6008.0000 | XLON | 11502115000087907-E0eomcLEgBJT20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 13:30:29 | 232 | 6018.0000 | XLON | 01502015000091930-E0eomcLEgIux20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 13:30:29 | 86 | 6018.0000 | XLON | 01502015000091930-E0eomcLEgIuu20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 13:30:29 | 249 | 6018.0000 | XLON | 11502115000092079-E0eomcLEgIv520190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 13:30:29 | 249 | 6018.0000 | XLON | 11502115000092076-E0eomcLEgIv120190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 13:30:29 | 97 | 6018.0000 | XLON | 11502115000092031-E0eomcLEgIuz20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 13:30:29 | 84 | 6018.0000 | XLON | 11502115000092080-E0eomcLEgIv720190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 13:30:29 | 75 | 6018.0000 | XLON | 01502015000092068-E0eomcLEgIv320190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 13:40:02 | 25 | 6028.0000 | XLON | 11502115000094435-E0eomcLEgsek20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 13:40:02 | 46 | 6028.0000 | XLON | 11502115000094467-E0eomcLEgseo20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 13:40:02 | 19 | 6028.0000 | XLON | 01502015000094485-E0eomcLEgsgs20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 13:40:02 | 94 | 6028.0000 | XLON | 11502115000094342-E0eomcLEgsec20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 13:40:02 | 252 | 6028.0000 | XLON | 01502015000094461-E0eomcLEgsem20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 13:40:02 | 159 | 6028.0000 | XLON | 11502115000094352-E0eomcLEgseg20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 13:40:02 | 183 | 6028.0000 | XLON | 01502015000094485-E0eomcLEgseq20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 13:40:02 | 185 | 6028.0000 | XLON | 11502115000094349-E0eomcLEgsee20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 13:40:02 | 277 | 6028.0000 | XLON | 01502015000094430-E0eomcLEgsei20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 13:42:42 | 94 | 6028.0000 | XLON | 11502115000094821-E0eomcLEgvtS20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 13:44:03 | 74 | 6026.0000 | XLON | 11502115000095368-E0eomcLEgXNW20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 13:44:03 | 16 | 6026.0000 | XLON | 11502115000095368-E0eomcLEgXNR20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 13:44:03 | 16 | 6026.0000 | XLON | 11502115000095368-E0eomcLEgXNO20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 13:46:49 | 2 | 6028.0000 | XLON | 01502015000095958-E0eomcLEgze520190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 13:46:49 | 125 | 6028.0000 | XLON | 01502015000095958-E0eomcLEgzac20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 13:49:33 | 25 | 6030.0000 | XLON | 01502015000096788-E0eomcLEh1yN20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 13:49:33 | 88 | 6030.0000 | XLON | 01502015000096788-E0eomcLEh1yL20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 13:50:30 | 94 | 6030.0000 | XLON | 11502115000097055-E0eomcLEh2rq20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 13:50:30 | 75 | 6030.0000 | XLON | 11502115000097055-E0eomcLEh2ro20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 13:50:30 | 50 | 6030.0000 | XLON | 11502115000097055-E0eomcLEh2rm20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 13:52:10 | 126 | 6030.0000 | XLON | 01502015000097417-E0eomcLEh4sm20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 13:52:10 | 74 | 6030.0000 | XLON | 01502015000097417-E0eomcLEh4so20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 13:52:17 | 46 | 6030.0000 | XLON | 11502115000097431-E0eomcLEh4zE20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 13:52:17 | 136 | 6030.0000 | XLON | 11502115000097431-E0eomcLEh4zG20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 13:54:45 | 179 | 6030.0000 | XLON | 11502115000097795-E0eomcLEh7hJ20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 13:54:48 | 168 | 6028.0000 | XLON | 01502015000096241-E0eomcLEh7mP20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 14:00:03 | 163 | 6030.0000 | XLON | 11502115000099127-E0eomcLEhDIQ20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 14:00:03 | 30 | 6030.0000 | XLON | 01502015000099205-E0eomcLEhDII20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 14:00:03 | 19 | 6030.0000 | XLON | 01502015000099142-E0eomcLEhDIZ20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 14:00:03 | 191 | 6030.0000 | XLON | 11502115000099313-E0eomcLEhDIu20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 14:00:03 | 170 | 6030.0000 | XLON | 11502115000099274-E0eomcLEhDIq20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 14:00:03 | 37 | 6030.0000 | XLON | 01502015000099142-E0eomcLEhDIV20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 14:00:03 | 1 | 6030.0000 | XLON | 01502015000099142-E0eomcLEhDIS20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 14:00:03 | 75 | 6030.0000 | XLON | 01502015000099205-E0eomcLEhDIf20190723 |

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|----------------------------|----------------------|-----|-----------|------|--|
| J.P. Morgan Securities plc | 23-Jul-2019 14:00:03 | 42 | 6030.0000 | XLON | 01502015000099205-E0eomcLEhDlo20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 14:00:03 | 2 | 6030.0000 | XLON | 01502015000099205-E0eomcLEhDIh20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 14:00:03 | 24 | 6030.0000 | XLON | 01502015000099323-E0eomcLEhDIw20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 14:00:03 | 1 | 6030.0000 | XLON | 01502015000099205-E0eomcLEhDIj20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 14:00:03 | 54 | 6030.0000 | XLON | 01502015000099283-E0eomcLEhDIs20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 14:00:03 | 110 | 6030.0000 | XLON | 01502015000099142-E0eomcLEhDIX20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 14:03:52 | 116 | 6030.0000 | XLON | 11502115000100338-E0eomcLEhIB520190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 14:03:52 | 126 | 6030.0000 | XLON | 11502115000100082-E0eomcLEhIAy20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 14:03:52 | 101 | 6030.0000 | XLON | 01502015000100140-E0eomcLEhIB320190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 14:03:52 | 31 | 6030.0000 | XLON | 01502015000100140-E0eomcLEhIB020190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 14:04:35 | 12 | 6030.0000 | XLON | 01502015000100621-E0eomcLEhJAI20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 14:04:35 | 50 | 6030.0000 | XLON | 01502015000100621-E0eomcLEhJAK20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 14:05:18 | 94 | 6028.0000 | XLON | 01502015000100420-E0eomcLEhKGI20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 14:06:03 | 132 | 6026.0000 | XLON | 11502115000100425-E0eomcLEhL9B20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 14:09:24 | 112 | 6026.0000 | XLON | 11502115000101381-E0eomcLEhPws20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 14:12:15 | 96 | 6032.0000 | XLON | 11502115000102576-E0eomcLEhTMX20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 14:12:15 | 44 | 6032.0000 | XLON | 11502115000102576-E0eomcLEhTMT20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 14:12:15 | 60 | 6032.0000 | XLON | 11502115000102576-E0eomcLEhTMV20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 14:12:17 | 120 | 6032.0000 | XLON | 11502115000102580-E0eomcLEhTPN20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 14:12:17 | 4 | 6032.0000 | XLON | 11502115000102580-E0eomcLEhTPL20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 14:12:17 | 45 | 6032.0000 | XLON | 11502115000102580-E0eomcLEhTPP20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 14:13:57 | 120 | 6032.0000 | XLON | 01502015000102866-E0eomcLEhUok20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 14:13:57 | 50 | 6032.0000 | XLON | 01502015000102866-E0eomcLEhUom20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 14:13:57 | 27 | 6032.0000 | XLON | 01502015000102866-E0eomcLEhUoo20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 14:15:37 | 11 | 6032.0000 | XLON | 11502115000103134-E0eomcLEhWQf20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 14:15:37 | 120 | 6032.0000 | XLON | 11502115000103134-E0eomcLEhWQd20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 14:15:51 | 171 | 6030.0000 | XLON | 01502015000102569-E0eomcLEhWid20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 14:15:51 | 120 | 6030.0000 | XLON | 11502115000102569-E0eomcLEhWib20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 14:17:36 | 39 | 6032.0000 | XLON | 01502015000103434-E0eomcLEhYYB20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 14:17:36 | 121 | 6032.0000 | XLON | 01502015000103434-E0eomcLEhYYD20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 14:19:33 | 203 | 6030.0000 | XLON | 11502115000103417-E0eomcLEhATK20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 14:21:03 | 115 | 6028.0000 | XLON | 11502115000103695-E0eomcLEhbkp20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 14:21:51 | 76 | 6026.0000 | XLON | 01502015000103831-E0eomcLEhcxu20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 14:21:51 | 96 | 6026.0000 | XLON | 01502015000103831-E0eomcLEhcxw20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 14:22:00 | 65 | 6024.0000 | XLON | 11502115000104364-E0eomcLEhdfu20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 14:22:00 | 89 | 6024.0000 | XLON | 11502115000104364-E0eomcLEhdfw20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 14:22:54 | 17 | 6022.0000 | XLON | 01502015000104882-E0eomcLEhef620190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 14:22:54 | 115 | 6022.0000 | XLON | 01502015000104882-E0eomcLEhef420190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 14:24:50 | 132 | 6020.0000 | XLON | 11502115000104875-E0eomcLEhgCh20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 14:26:11 | 168 | 6020.0000 | XLON | 01502015000105508-E0eomcLEhhqJ20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 14:26:11 | 6 | 6020.0000 | XLON | 01502015000105508-E0eomcLEhhqH20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 14:26:13 | 144 | 6018.0000 | XLON | 01502015000104883-E0eomcLEhxn20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 14:29:23 | 75 | 6018.0000 | XLON | 01502015000106581-E0eomcLEhkwY20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 14:29:23 | 51 | 6018.0000 | XLON | 01502015000106581-E0eomcLEhkwA20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 14:30:18 | 126 | 6018.0000 | XLON | 11502115000106856-E0eomcLEhmXo20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 14:30:43 | 125 | 6016.0000 | XLON | 01502015000105131-E0eomcLEhn7X20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 14:30:43 | 11 | 6016.0000 | XLON | 01502015000105131-E0eomcLEhn7p20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 14:32:08 | 156 | 6018.0000 | XLON | 11502115000107526-E0eomcLEhpyE20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 14:32:56 | 120 | 6020.0000 | XLON | 01502015000107920-E0eomcLEhggE20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 14:32:56 | 50 | 6020.0000 | XLON | 01502015000107920-E0eomcLEhggG20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 14:32:56 | 5 | 6020.0000 | XLON | 01502015000107920-E0eomcLEhggI20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 14:33:57 | 50 | 6020.0000 | XLON | 01502015000108348-E0eomcLEhsmP20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 14:33:57 | 75 | 6020.0000 | XLON | 01502015000108348-E0eomcLEhsmM20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 14:34:16 | 188 | 6018.0000 | XLON | 01502015000107805-E0eomcLEhskf20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 14:37:30 | 104 | 6020.0000 | XLON | 01502015000109659-E0eomcLEhxlX20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 14:37:30 | 242 | 6020.0000 | XLON | 11502115000109413-E0eomcLEhxlJ20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 14:37:30 | 172 | 6020.0000 | XLON | 11502115000109558-E0eomcLEhxlR20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 14:37:30 | 159 | 6020.0000 | XLON | 01502015000109665-E0eomcLEhxlZ20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 14:39:42 | 142 | 6016.0000 | XLON | 01502015000110302-E0eomcLEi1rw20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 14:44:48 | 111 | 6022.0000 | XLON | 01502015000112272-E0eomcLEi9aA20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 14:44:48 | 47 | 6022.0000 | XLON | 01502015000112261-E0eomcLEi9a820190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 14:44:48 | 47 | 6022.0000 | XLON | 01502015000112261-E0eomcLEi9a620190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 14:44:48 | 82 | 6022.0000 | XLON | 11502115000112480-E0eomcLEi9aI20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 14:44:48 | 99 | 6022.0000 | XLON | 11502115000112412-E0eomcLEi9aG20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 14:44:48 | 193 | 6022.0000 | XLON | 11502115000112282-E0eomcLEi9a420190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 14:44:48 | 12 | 6022.0000 | XLON | 11502115000112721-E0eomcLEi9aQ20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 14:44:48 | 142 | 6022.0000 | XLON | 11502115000112717-E0eomcLEi9aO20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 14:44:48 | 119 | 6022.0000 | XLON | 01502015000112280-E0eomcLEi9aE20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 14:44:48 | 102 | 6022.0000 | XLON | 01502015000112694-E0eomcLEi9aM20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 14:44:48 | 21 | 6022.0000 | XLON | 01502015000112280-E0eomcLEi9aC20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 14:44:48 | 18 | 6022.0000 | XLON | 11502115000112480-E0eomcLEi9aK20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 14:45:53 | 152 | 6018.0000 | XLON | 11502115000112870-E0eomcLEiBIL20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 14:48:04 | 148 | 6018.0000 | XLON | 11502115000113707-E0eomcLEiEio20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 14:48:04 | 22 | 6018.0000 | XLON | 11502115000112870-E0eomcLEiEim20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 14:48:04 | 22 | 6018.0000 | XLON | 11502115000112870-E0eomcLEiEik20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 14:49:17 | 152 | 6018.0000 | XLON | 11502115000114234-E0eomcLEiGh220190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 14:49:18 | 143 | 6016.0000 | XLON | 01502015000113362-E0eomcLEiGk620190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 14:51:09 | 44 | 6010.0000 | XLON | 01502015000114410-E0eomcLEiKCF20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 14:51:09 | 111 | 6010.0000 | XLON | 01502015000114410-E0eomcLEiKCH20190723 |

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| J.P. Morgan Securities plc | 23-Jul-2019 14:55:37 | 82 | 6012.0000 | XLON | 01502015000116385-E0eomcLEiQrA20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 14:56:49 | 171 | 6012.0000 | XLON | 01502015000116664-E0eomcLEiSem20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 14:56:49 | 119 | 6012.0000 | XLON | 01502015000116664-E0eomcLEiSeo20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 14:56:49 | 129 | 6012.0000 | XLON | 11502115000116682-E0eomcLEiSek20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 14:56:49 | 143 | 6012.0000 | XLON | 11502115000116830-E0eomcLEiSeq20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 14:56:49 | 2 | 6012.0000 | XLON | 01502015000116876-E0eomcLEiSeu20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 14:56:49 | 221 | 6012.0000 | XLON | 11502115000116891-E0eomcLEiSes20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 14:56:49 | 49 | 6012.0000 | XLON | 01502015000116909-E0eomcLEiSey20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 14:56:49 | 265 | 6012.0000 | XLON | 11502115000116952-E0eomcLEiSf020190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 14:56:49 | 7 | 6012.0000 | XLON | 11502115000116903-E0eomcLEiSew20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 14:58:09 | 122 | 6010.0000 | XLON | 01502015000117081-E0eomcLEiUkE20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 14:59:04 | 116 | 6012.0000 | XLON | 11502115000117509-E0eomcLEiVdY20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 15:00:10 | 107 | 6010.0000 | XLON | 01502015000117454-E0eomcLEiY1Z20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 15:01:27 | 158 | 6010.0000 | XLON | 01502015000118012-E0eomcLEiArq20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 15:01:27 | 146 | 6010.0000 | XLON | 11502115000118195-E0eomcLEiARu20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 15:03:58 | 116 | 6014.0000 | XLON | 01502015000119019-E0eomcLEiegF20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 15:04:10 | 21 | 6012.0000 | XLON | 01502015000118587-E0eomcLEif2220190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 15:05:09 | 76 | 6012.0000 | XLON | 01502015000118587-E0eomcLEigSL20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 15:06:09 | 116 | 6010.0000 | XLON | 11502115000118584-E0eomcLEii8B20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 15:07:17 | 194 | 6010.0000 | XLON | 01502015000120038-E0eomcLEikHd20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 15:07:17 | 83 | 6010.0000 | XLON | 01502015000120038-E0eomcLEikHh20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 15:07:17 | 14 | 6010.0000 | XLON | 01502015000120038-E0eomcLEikHf20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 15:09:01 | 6 | 6010.0000 | XLON | 11502115000120317-E0eomcLEimmg20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 15:09:01 | 108 | 6010.0000 | XLON | 11502115000120317-E0eomcLEimmi20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 15:09:01 | 72 | 6010.0000 | XLON | 11502115000120317-E0eomcLEimmk20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 15:09:01 | 52 | 6010.0000 | XLON | 11502115000120317-E0eomcLEimmm20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 15:09:18 | 209 | 6008.0000 | XLON | 11502115000120308-E0eomcLEinR220190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 15:11:16 | 157 | 6008.0000 | XLON | 01502015000120870-E0eomcLEiqUn20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 15:11:16 | 10 | 6008.0000 | XLON | 01502015000120870-E0eomcLEiqUj20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 15:11:16 | 5 | 6008.0000 | XLON | 01502015000120870-E0eomcLEiqUl20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 15:15:44 | 132 | 6012.0000 | XLON | 11502115000121717-E0eomcLEixFX20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 15:15:44 | 3 | 6012.0000 | XLON | 01502015000121689-E0eomcLEixFZ20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 15:15:44 | 5 | 6012.0000 | XLON | 01502015000121694-E0eomcLEixFg20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 15:15:44 | 117 | 6012.0000 | XLON | 01502015000121694-E0eomcLEixFb20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 15:15:45 | 15 | 6012.0000 | XLON | 01502015000122085-E0eomcLEixK320190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 15:15:45 | 2 | 6012.0000 | XLON | 01502015000122076-E0eomcLEixK120190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 15:15:45 | 2 | 6012.0000 | XLON | 11502115000122103-E0eomcLEixJz20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 15:15:45 | 19 | 6012.0000 | XLON | 01502015000121694-E0eomcLEixJk20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 15:15:45 | 76 | 6012.0000 | XLON | 01502015000121700-E0eomcLEixJp20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 15:15:45 | 44 | 6012.0000 | XLON | 01502015000121700-E0eomcLEixJm20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 15:15:45 | 109 | 6012.0000 | XLON | 11502115000122168-E0eomcLEixK520190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 15:15:45 | 40 | 6012.0000 | XLON | 01502015000122059-E0eomcLEixJx20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 15:15:45 | 47 | 6012.0000 | XLON | 01502015000122059-E0eomcLEixJv20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 15:15:45 | 183 | 6012.0000 | XLON | 01502015000122059-E0eomcLEixJt20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 15:18:29 | 67 | 6010.0000 | XLON | 11502115000123016-E0eomcLEjONQ20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 15:18:29 | 75 | 6010.0000 | XLON | 11502115000123016-E0eomcLEjONO20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 15:19:20 | 127 | 6010.0000 | XLON | 01502015000123180-E0eomcLEj1Fh20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 15:19:20 | 26 | 6010.0000 | XLON | 01502015000123180-E0eomcLEj1Fj20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 15:22:25 | 139 | 6012.0000 | XLON | 11502115000123939-E0eomcLEj5yW20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 15:22:25 | 214 | 6012.0000 | XLON | 01502015000124162-E0eomcLEj5yg20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 15:22:25 | 3 | 6012.0000 | XLON | 01502015000123908-E0eomcLEj5ya20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 15:22:25 | 199 | 6012.0000 | XLON | 01502015000124072-E0eomcLEj5ye20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 15:22:25 | 291 | 6012.0000 | XLON | 01502015000123912-E0eomcLEj5yc20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 15:22:25 | 3 | 6012.0000 | XLON | 11502115000123944-E0eomcLEj5yY20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 15:22:25 | 289 | 6012.0000 | XLON | 01502015000124310-E0eomcLEj5yk20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 15:22:25 | 88 | 6012.0000 | XLON | 11502115000124221-E0eomcLEj5yi20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 15:24:25 | 75 | 6022.0000 | XLON | 11502115000124921-E0eomcLEj9Y620190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 15:25:00 | 117 | 6020.0000 | XLON | 01502015000124845-E0eomcLEjAIP20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 15:25:04 | 174 | 6018.0000 | XLON | 11502115000124922-E0eomcLEjAOe20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 15:25:48 | 91 | 6018.0000 | XLON | 11502115000125207-E0eomcLEjBb020190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 15:25:51 | 41 | 6018.0000 | XLON | 11502115000125207-E0eomcLEjBhg20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 15:28:47 | 101 | 6016.0000 | XLON | 01502015000125094-E0eomcLEjFjL20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 15:30:23 | 129 | 6014.0000 | XLON | 11502115000125186-E0eomcLEjHX220190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 15:30:23 | 23 | 6014.0000 | XLON | 11502115000125186-E0eomcLEjHX020190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 15:30:35 | 114 | 6012.0000 | XLON | 01502015000125372-E0eomcLEjHn020190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 15:30:37 | 69 | 6012.0000 | XLON | 01502015000126399-E0eomcLEjHog20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 15:31:05 | 104 | 6012.0000 | XLON | 01502015000126399-E0eomcLEjIO820190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 15:31:15 | 234 | 6010.0000 | XLON | 01502015000125732-E0eomcLEjIW20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 15:34:29 | 85 | 6014.0000 | XLON | 11502115000127554-E0eomcLEjOLh20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 15:34:29 | 317 | 6014.0000 | XLON | 11502115000127481-E0eomcLEjOLX20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 15:34:29 | 63 | 6014.0000 | XLON | 01502015000127524-E0eomcLEjOLm20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 15:34:29 | 126 | 6014.0000 | XLON | 11502115000127554-E0eomcLEjOLk20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 15:34:29 | 50 | 6014.0000 | XLON | 11502115000127568-E0eomcLEjOLt20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 15:34:29 | 55 | 6014.0000 | XLON | 11502115000127568-E0eomcLEjOLq20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 15:35:57 | 158 | 6014.0000 | XLON | 11502115000127764-E0eomcLEjRSF20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 15:36:27 | 109 | 6012.0000 | XLON | 01502015000127720-E0eomcLEjSYy20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 15:38:21 | 192 | 6010.0000 | XLON | 11502115000128061-E0eomcLEjV4y20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 15:38:21 | 3 | 6010.0000 | XLON | 11502115000128061-E0eomcLEjV5120190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 15:39:41 | 98 | 6010.0000 | XLON | 11502115000128433-E0eomcLEjWog20190723 |

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| J.P. Morgan Securities plc | 23-Jul-2019 16:20:23 | 552 | 6034.0000 | XLON | 01502015000138685-E0eomcLEkWnX20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 16:20:23 | 8 | 6034.0000 | XLON | 01502015000138730-E0eomcLEkWng20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 16:20:23 | 152 | 6034.0000 | XLON | 01502015000138730-E0eomcLEkWnd20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 16:20:23 | 87 | 6034.0000 | XLON | 11502115000138923-E0eomcLEkWoI20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 16:20:23 | 43 | 6034.0000 | XLON | 11502115000138923-E0eomcLEkWoM20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 16:20:23 | 110 | 6034.0000 | XLON | 11502115000138821-E0eomcLEkWny20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 16:21:20 | 156 | 6030.0000 | XLON | 11502115000139012-E0eomcLEkYgU20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 16:23:45 | 13 | 6030.0000 | XLON | 11502115000139907-E0eomcLEkcYA20190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 16:23:45 | 100 | 6030.0000 | XLON | 11502115000139907-E0eomcLEkcY820190723 |
| J.P. Morgan Securities plc | 23-Jul-2019 16:24:09 | 18 | 6028.0000 | XLON | 01502015000139931-E0eomcLEkdC120190723 |