

| Broker | Transaction Date and Time | Volume | Price (GBP) | Platform | Transaction Reference Number |
|----------------------------|---------------------------|--------|-------------|----------|--|
| J.P. Morgan Securities plc | 25-Oct-2019 08:52:17 | 44 | 6442.0000 | XLON | 01502015000012356-E0fuwniRk7ce20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 08:52:17 | 52 | 6442.0000 | XLON | 01502015000012356-E0fuwniRk7cg20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 08:52:17 | 11 | 6442.0000 | XLON | 01502015000012356-E0fuwniRk7cc20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 08:52:19 | 22 | 6440.0000 | XLON | 11502115000012326-E0fuwniRk7ep20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 08:55:01 | 50 | 6448.0000 | XLON | 11502115000013243-E0fuwniRkBVQ20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 08:55:47 | 44 | 6450.0000 | XLON | 01502015000013493-E0fuwniRkCKy20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 08:55:47 | 144 | 6450.0000 | XLON | 01502015000013493-E0fuwniRkCL020191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 08:55:47 | 49 | 6450.0000 | XLON | 01502015000013493-E0fuwniRkCL220191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 08:59:04 | 40 | 6442.0000 | XLON | 01502015000014241-E0fuwniRkGog20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 08:59:04 | 45 | 6442.0000 | XLON | 01502015000014243-E0fuwniRkGok20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 08:59:04 | 70 | 6442.0000 | XLON | 01502015000014827-E0fuwniRkGoo20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 08:59:04 | 16 | 6442.0000 | XLON | 01502015000014235-E0fuwniRkGoa20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 08:59:04 | 13 | 6442.0000 | XLON | 01502015000014235-E0fuwniRkGoc20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 08:59:04 | 49 | 6442.0000 | XLON | 01502015000014140-E0fuwniRkGoU20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 08:59:04 | 53 | 6442.0000 | XLON | 01502015000014235-E0fuwniRkGoe20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 08:59:04 | 40 | 6442.0000 | XLON | 11502115000013789-E0fuwniRkGoS20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 08:59:04 | 235 | 6442.0000 | XLON | 01502015000014235-E0fuwniRkGoW20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 08:59:04 | 40 | 6442.0000 | XLON | 11502115000014221-E0fuwniRkGoi20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 09:00:35 | 47 | 6438.0000 | XLON | 11502115000015363-E0fuwniRkKvz20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 09:00:35 | 78 | 6438.0000 | XLON | 11502115000015363-E0fuwniRkKw120191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 09:01:00 | 47 | 6438.0000 | XLON | 01502015000015558-E0fuwniRkLtC20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 09:01:00 | 96 | 6438.0000 | XLON | 01502015000015558-E0fuwniRkLtA20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 09:01:00 | 1 | 6438.0000 | XLON | 01502015000015558-E0fuwniRkLti20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 09:01:00 | 82 | 6438.0000 | XLON | 01502015000015558-E0fuwniRkLte20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 09:01:00 | 100 | 6438.0000 | XLON | 01502015000015558-E0fuwniRkLtg20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 09:01:18 | 171 | 6432.0000 | XLON | 01502015000015393-E0fuwniRkMZY20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 09:05:09 | 46 | 6442.0000 | XLON | 11502115000016998-E0fuwniRkS8Z20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 09:05:09 | 46 | 6442.0000 | XLON | 01502015000016985-E0fuwniRkS8e20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 09:05:09 | 94 | 6442.0000 | XLON | 01502015000016982-E0fuwniRkS8T20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 09:05:54 | 103 | 6442.0000 | XLON | 01502015000017246-E0fuwniRkT4I20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 09:06:00 | 52 | 6442.0000 | XLON | 11502115000017271-E0fuwniRkTE920191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 09:06:45 | 44 | 6440.0000 | XLON | 11502115000017359-E0fuwniRkUNJ20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 09:07:41 | 55 | 6434.0000 | XLON | 01502015000017836-E0fuwniRkVcR20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 09:09:11 | 151 | 6436.0000 | XLON | 11502115000018472-E0fuwniRkYA720191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 09:15:12 | 70 | 6448.0000 | XLON | 11502115000020360-E0fuwniRkfE220191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 09:15:12 | 6 | 6448.0000 | XLON | 11502115000020360-E0fuwniRkfE020191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 09:15:20 | 418 | 6450.0000 | XLON | 01502015000020449-E0fuwniRkfbI20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 09:15:20 | 238 | 6450.0000 | XLON | 11502115000020375-E0fuwniRkfae20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 09:16:24 | 38 | 6450.0000 | XLON | 11502115000020622-E0fuwniRkhAs20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 09:16:24 | 28 | 6450.0000 | XLON | 11502115000020622-E0fuwniRkhAz20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 09:16:24 | 21 | 6450.0000 | XLON | 11502115000020622-E0fuwniRkhAu20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 09:16:24 | 28 | 6450.0000 | XLON | 11502115000020622-E0fuwniRkhAw20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 09:17:15 | 43 | 6450.0000 | XLON | 11502115000020850-E0fuwniRkiU320191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 09:17:37 | 71 | 6450.0000 | XLON | 11502115000020866-E0fuwniRkiqr20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 09:18:12 | 114 | 6450.0000 | XLON | 01502015000021076-E0fuwniRkjWD20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 09:19:37 | 25 | 6452.0000 | XLON | 11502115000021513-E0fuwniRkksU20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 09:20:00 | 3 | 6454.0000 | XLON | 01502015000021642-E0fuwniRklBa20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 09:23:27 | 30 | 6460.0000 | XLON | 01502015000022331-E0fuwniRkoQm20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 09:23:27 | 85 | 6460.0000 | XLON | 01502015000022331-E0fuwniRkoQo20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 09:24:26 | 10 | 6460.0000 | XLON | 11502115000022571-E0fuwniRkphq20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 09:24:26 | 8 | 6460.0000 | XLON | 11502115000022571-E0fuwniRkpho20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 09:24:26 | 75 | 6460.0000 | XLON | 11502115000022571-E0fuwniRkphs20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 09:29:51 | 75 | 6462.0000 | XLON | 11502115000024564-E0fuwniRkwm20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 09:29:51 | 91 | 6462.0000 | XLON | 11502115000024564-E0fuwniRkwmK20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 09:29:51 | 66 | 6462.0000 | XLON | 11502115000024564-E0fuwniRkwmO20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 09:29:52 | 75 | 6462.0000 | XLON | 01502015000024630-E0fuwniRkwID20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 09:29:53 | 65 | 6462.0000 | XLON | 11502115000024583-E0fuwniRkwnZ20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 09:29:53 | 145 | 6462.0000 | XLON | 11502115000024583-E0fuwniRkwnX20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 09:29:53 | 75 | 6462.0000 | XLON | 11502115000024583-E0fuwniRkwnV20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 09:30:21 | 8 | 6456.0000 | XLON | 01502015000024773-E0fuwniRkxfW20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 09:31:14 | 64 | 6458.0000 | XLON | 11502115000024980-E0fuwniRkyYz20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 09:31:14 | 69 | 6458.0000 | XLON | 01502015000025040-E0fuwniRkyYm20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 09:31:14 | 74 | 6458.0000 | XLON | 11502115000024978-E0fuwniRkyYQ20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 09:32:13 | 75 | 6456.0000 | XLON | 11502115000025178-E0fuwniRI0Bt20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 09:32:13 | 75 | 6456.0000 | XLON | 11502115000025178-E0fuwniRI0Br20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 09:33:30 | 72 | 6456.0000 | XLON | 01502015000025475-E0fuwniRI1Zy20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 09:33:30 | 64 | 6456.0000 | XLON | 01502015000025475-E0fuwniRI1Zw20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 09:33:30 | 37 | 6456.0000 | XLON | 01502015000025475-E0fuwniRI1a020191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 09:34:58 | 79 | 6456.0000 | XLON | 11502115000025664-E0fuwniRI3DU20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 09:35:10 | 48 | 6456.0000 | XLON | 11502115000025698-E0fuwniRI3WG20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 09:35:39 | 114 | 6454.0000 | XLON | 11502115000025655-E0fuwniRI44f20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 09:35:59 | 75 | 6454.0000 | XLON | 01502015000025884-E0fuwniRI4VN20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 09:39:16 | 65 | 6458.0000 | XLON | 01502015000026400-E0fuwniRI7zi20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 09:41:14 | 41 | 6460.0000 | XLON | 01502015000026475-E0fuwniRI9ft20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 09:41:14 | 40 | 6460.0000 | XLON | 01502015000026476-E0fuwniRI9fx20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 09:41:14 | 41 | 6460.0000 | XLON | 01502015000026554-E0fuwniRI9g120191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 09:41:14 | 38 | 6460.0000 | XLON | 11502115000026393-E0fuwniRI9fv20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 09:41:14 | 40 | 6460.0000 | XLON | 11502115000026404-E0fuwniRI9fz20191025 |

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|----------------------------|----------------------|-----|-----------|------|---|
| J.P. Morgan Securities plc | 25-Oct-2019 09:41:15 | 63 | 6458.0000 | XLON | 11502115000026623-E0fuwniRI9kv20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 09:41:15 | 75 | 6458.0000 | XLON | 11502115000026623-E0fuwniRI9kt20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 09:42:13 | 4 | 6454.0000 | XLON | 01502015000026884-E0fuwniRIB0e20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 09:42:13 | 69 | 6454.0000 | XLON | 01502015000026884-E0fuwniRIB0a20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 09:42:13 | 66 | 6454.0000 | XLON | 01502015000026884-E0fuwniRIB0c20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 09:45:59 | 47 | 6460.0000 | XLON | 11502115000027381-E0fuwniRIEhk20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 09:45:59 | 41 | 6460.0000 | XLON | 11502115000027235-E0fuwniRIEhe20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 09:45:59 | 49 | 6460.0000 | XLON | 11502115000027302-E0fuwniRIEhi20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 09:45:59 | 41 | 6460.0000 | XLON | 01502015000027264-E0fuwniRIEha20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 09:45:59 | 49 | 6460.0000 | XLON | 11502115000027391-E0fuwniRIEho20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 09:45:59 | 110 | 6460.0000 | XLON | 01502015000027515-E0fuwniRIEhq20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 09:45:59 | 49 | 6460.0000 | XLON | 01502015000027465-E0fuwniRIEhm20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 09:47:38 | 115 | 6468.0000 | XLON | 01502015000027679-E0fuwniRIH8I20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 09:47:38 | 41 | 6468.0000 | XLON | 11502115000027672-E0fuwniRIH8O20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 09:48:24 | 17 | 6468.0000 | XLON | 11502115000027843-E0fuwniRIHyE20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 09:48:24 | 98 | 6468.0000 | XLON | 11502115000027843-E0fuwniRIHyC20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 09:49:29 | 100 | 6470.0000 | XLON | 01502015000028190-E0fuwniRIJ5020191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 09:54:08 | 132 | 6474.0000 | XLON | 11502115000029081-E0fuwniRIO5A20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 09:55:27 | 100 | 6478.0000 | XLON | 01502015000029427-E0fuwniRIPk520191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 09:56:41 | 64 | 6484.0000 | XLON | 11502115000029659-E0fuwniRIR1E20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 09:56:55 | 67 | 6486.0000 | XLON | 11502115000029702-E0fuwniRIReB20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 09:57:48 | 32 | 6484.0000 | XLON | 11502115000029665-E0fuwniRIT5j20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 09:57:48 | 51 | 6484.0000 | XLON | 01502015000029766-E0fuwniRIT5n20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 09:57:48 | 21 | 6484.0000 | XLON | 11502115000029665-E0fuwniRIT5a20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 09:57:48 | 16 | 6484.0000 | XLON | 11502115000029665-E0fuwniRIT5c20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 09:58:21 | 25 | 6482.0000 | XLON | 11502115000029894-E0fuwniRITiu20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 09:58:21 | 84 | 6482.0000 | XLON | 11502115000029894-E0fuwniRITis20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 10:00:01 | 75 | 6482.0000 | XLON | 01502015000030295-E0fuwniRIV8d20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 10:02:55 | 43 | 6486.0000 | XLON | 01502015000031284-E0fuwniRIYdb20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 10:02:55 | 48 | 6486.0000 | XLON | 11502115000031226-E0fuwniRIYdZ20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 10:02:55 | 40 | 6486.0000 | XLON | 01502015000031133-E0fuwniRIYdR20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 10:02:55 | 41 | 6486.0000 | XLON | 11502115000031217-E0fuwniRIYdV20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 10:02:55 | 40 | 6486.0000 | XLON | 01502015000031282-E0fuwniRIYdX20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 10:02:55 | 41 | 6486.0000 | XLON | 01502015000031277-E0fuwniRIYdT20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 10:05:03 | 100 | 6486.0000 | XLON | 01502015000031474-E0fuwniRlawP20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 10:05:03 | 40 | 6486.0000 | XLON | 01502015000031595-E0fuwniRlawV20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 10:05:03 | 2 | 6486.0000 | XLON | 01502015000031474-E0fuwniRlawL20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 10:05:03 | 23 | 6486.0000 | XLON | 01502015000031474-E0fuwniRlawR20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 10:05:03 | 40 | 6486.0000 | XLON | 01502015000031550-E0fuwniRlawT20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 10:05:33 | 170 | 6486.0000 | XLON | 01502015000031834-E0fuwniRlbfw20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 10:10:08 | 175 | 6494.0000 | XLON | 01502015000032937-E0fuwniRIgkz20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 10:10:08 | 56 | 6494.0000 | XLON | 01502015000032937-E0fuwniRIgl120191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 10:11:13 | 44 | 6498.0000 | XLON | 11502115000033181-E0fuwniRIhri20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 10:11:13 | 71 | 6498.0000 | XLON | 11502115000033181-E0fuwniRIhrg20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 10:12:17 | 115 | 6494.0000 | XLON | 11502115000033460-E0fuwniRIJEd20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 10:13:27 | 38 | 6494.0000 | XLON | 11502115000033749-E0fuwniRIkDW20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 10:13:27 | 100 | 6494.0000 | XLON | 11502115000033749-E0fuwniRIkDY20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 10:14:53 | 36 | 6496.0000 | XLON | 01502015000034187-E0fuwniRIIT020191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 10:14:53 | 30 | 6496.0000 | XLON | 01502015000034187-E0fuwniRIITQ20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 10:14:53 | 61 | 6496.0000 | XLON | 01502015000034187-E0fuwniRIITS20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 10:16:00 | 100 | 6494.0000 | XLON | 11502115000034395-E0fuwniRIImq520191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 10:16:00 | 160 | 6494.0000 | XLON | 11502115000034395-E0fuwniRIImq720191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 10:17:40 | 41 | 6496.0000 | XLON | 01502015000034956-E0fuwniRIloqi20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 10:17:40 | 73 | 6496.0000 | XLON | 01502015000034956-E0fuwniRIlogq20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 10:19:20 | 110 | 6496.0000 | XLON | 11502115000035215-E0fuwniRIlppq20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 10:22:04 | 41 | 6496.0000 | XLON | 01502015000035898-E0fuwniRIltL20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 10:22:40 | 48 | 6498.0000 | XLON | 01502015000036025-E0fuwniRIlyk20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 10:24:28 | 40 | 6498.0000 | XLON | 01502015000036381-E0fuwniRIvp020191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 10:24:53 | 56 | 6496.0000 | XLON | 01502015000036350-E0fuwniRIlwaK20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 10:32:10 | 75 | 6498.0000 | XLON | 01502015000038258-E0fuwniRm42H20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 10:32:10 | 49 | 6498.0000 | XLON | 01502015000038258-E0fuwniRm42F20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 10:32:10 | 50 | 6498.0000 | XLON | 01502015000038258-E0fuwniRm42D20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 10:33:09 | 78 | 6498.0000 | XLON | 01502015000038369-E0fuwniRm51Z20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 10:33:09 | 175 | 6498.0000 | XLON | 01502015000038381-E0fuwniRm51b20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 10:35:38 | 170 | 6502.0000 | XLON | 01502015000039025-E0fuwniRm7nF20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 10:35:42 | 68 | 6502.0000 | XLON | 11502115000038967-E0fuwniRm7sE20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 10:39:36 | 57 | 6498.0000 | XLON | 11502115000039413-E0fuwniRmB0m20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 10:41:51 | 87 | 6506.0000 | XLON | 11502115000040017-E0fuwniRmDnf20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 10:41:51 | 40 | 6506.0000 | XLON | 01502015000040087-E0fuwniRmDnu20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 10:44:39 | 114 | 6508.0000 | XLON | 11502115000040303-E0fuwniRmGIS20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 10:46:00 | 50 | 6508.0000 | XLON | 01502015000040742-E0fuwniRmIAR20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 10:46:00 | 38 | 6508.0000 | XLON | 01502015000040742-E0fuwniRmIAT20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 10:47:52 | 2 | 6510.0000 | XLON | 11502115000041010-E0fuwniRmJyh20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 10:47:52 | 44 | 6510.0000 | XLON | 11502115000040967-E0fuwniRmJyd20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 10:47:52 | 43 | 6510.0000 | XLON | 01502015000041059-E0fuwniRmJyj20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 10:47:52 | 41 | 6510.0000 | XLON | 01502015000041017-E0fuwniRmJyf20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 10:47:52 | 68 | 6510.0000 | XLON | 11502115000040963-E0fuwniRmJyZ20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 10:47:52 | 75 | 6510.0000 | XLON | 01502015000041001-E0fuwniRmJyX20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 10:49:53 | 100 | 6510.0000 | XLON | 01502015000041356-E0fuwniRmM1c20191025 |

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| J.P. Morgan Securities plc | 25-Oct-2019 10:49:53 | 20 | 6510.0000 | XLON | 01502015000041356-E0fuwniRmM1e20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 10:52:52 | 56 | 6514.0000 | XLON | 11502115000041833-E0fuwniRmOw020191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 10:56:47 | 114 | 6518.0000 | XLON | 01502015000042518-E0fuwniRmSwY20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 11:00:02 | 48 | 6524.0000 | XLON | 11502115000043095-E0fuwniRmWCI20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 11:00:02 | 24 | 6524.0000 | XLON | 01502015000043139-E0fuwniRmWCK20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 11:00:04 | 61 | 6526.0000 | XLON | 11502115000043124-E0fuwniRmWLn20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 11:00:04 | 38 | 6526.0000 | XLON | 11502115000043124-E0fuwniRmWLI20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 11:01:00 | 66 | 6522.0000 | XLON | 11502115000043313-E0fuwniRmXbQ20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 11:02:05 | 66 | 6520.0000 | XLON | 01502015000043339-E0fuwniRmYTI20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 11:03:09 | 79 | 6522.0000 | XLON | 01502015000043696-E0fuwniRma5m20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 11:07:28 | 60 | 6522.0000 | XLON | 11502115000044202-E0fuwniRmdmg20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 11:11:23 | 40 | 6520.0000 | XLON | 11502115000044470-E0fuwniRmiN020191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 11:13:12 | 128 | 6518.0000 | XLON | 11502115000045632-E0fuwniRmkMv20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 11:13:12 | 75 | 6518.0000 | XLON | 11502115000045632-E0fuwniRmkMt20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 11:15:41 | 48 | 6516.0000 | XLON | 01502015000044838-E0fuwniRmnAB20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 11:15:41 | 133 | 6516.0000 | XLON | 01502015000045546-E0fuwniRmnAF20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 11:21:14 | 74 | 6514.0000 | XLON | 01502015000047245-E0fuwniRmsUM20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 11:21:14 | 27 | 6514.0000 | XLON | 01502015000047245-E0fuwniRmsUQ20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 11:25:52 | 75 | 6514.0000 | XLON | 01502015000048341-E0fuwniRmx8h20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 11:25:52 | 53 | 6514.0000 | XLON | 01502015000048341-E0fuwniRmx8j20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 11:28:26 | 111 | 6514.0000 | XLON | 01502015000048856-E0fuwniRmzdx20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 11:29:42 | 57 | 6512.0000 | XLON | 01502015000049037-E0fuwniRn0r920191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 11:31:14 | 54 | 6506.0000 | XLON | 01502015000049507-E0fuwniRn3DT20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 11:31:14 | 114 | 6506.0000 | XLON | 01502015000049507-E0fuwniRn3DR20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 11:31:51 | 123 | 6504.0000 | XLON | 01502015000049423-E0fuwniRn3r620191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 11:37:01 | 19 | 6496.0000 | XLON | 01502015000050420-E0fuwniRn8wh20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 11:37:01 | 37 | 6500.0000 | XLON | 11502115000050392-E0fuwniRn8vW20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 11:37:01 | 29 | 6496.0000 | XLON | 01502015000050420-E0fuwniRn8wj20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 11:37:01 | 107 | 6500.0000 | XLON | 11502115000050392-E0fuwniRn8vU20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 11:40:49 | 91 | 6486.0000 | XLON | 01502015000050727-E0fuwniRnCKX20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 11:44:07 | 72 | 6488.0000 | XLON | 01502015000052029-E0fuwniRnF7k20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 11:44:07 | 101 | 6488.0000 | XLON | 01502015000052029-E0fuwniRnF7i20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 11:44:07 | 40 | 6488.0000 | XLON | 01502015000052029-E0fuwniRnF7m20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 11:44:55 | 128 | 6486.0000 | XLON | 01502015000052086-E0fuwniRnFir20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 11:46:53 | 40 | 6482.0000 | XLON | 11502115000052327-E0fuwniRnHmq20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 11:50:59 | 135 | 6482.0000 | XLON | 01502015000053023-E0fuwniRnLmp20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 11:54:02 | 75 | 6492.0000 | XLON | 11502115000053902-E0fuwniRnOYT20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 11:54:02 | 58 | 6492.0000 | XLON | 11502115000053902-E0fuwniRnOYV20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 11:54:13 | 66 | 6492.0000 | XLON | 01502015000053958-E0fuwniRnOgZ20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 11:54:20 | 62 | 6490.0000 | XLON | 01502015000053980-E0fuwniRnOo720191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 11:54:32 | 88 | 6488.0000 | XLON | 11502115000053964-E0fuwniRnP4G20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 11:59:17 | 75 | 6502.0000 | XLON | 11502115000055133-E0fuwniRnUzF20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 11:59:17 | 14 | 6502.0000 | XLON | 11502115000055133-E0fuwniRnUzD20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 11:59:20 | 86 | 6502.0000 | XLON | 01502015000055174-E0fuwniRnV1w20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 12:02:02 | 75 | 6502.0000 | XLON | 11502115000056305-E0fuwniRnY2D20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 12:02:02 | 5 | 6502.0000 | XLON | 11502115000056305-E0fuwniRnY2920191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 12:02:02 | 41 | 6502.0000 | XLON | 11502115000056305-E0fuwniRnY2B20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 12:02:06 | 3 | 6502.0000 | XLON | 01502015000056348-E0fuwniRnYQG20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 12:02:13 | 102 | 6502.0000 | XLON | 01502015000056348-E0fuwniRnYaW20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 12:03:26 | 9 | 6498.0000 | XLON | 11502115000056845-E0fuwniRnbcJ20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 12:03:26 | 11 | 6498.0000 | XLON | 11502115000056845-E0fuwniRnbcH20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 12:05:25 | 52 | 6508.0000 | XLON | 11502115000057431-E0fuwniRndIE20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 12:05:25 | 75 | 6508.0000 | XLON | 11502115000057431-E0fuwniRndIK20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 12:05:25 | 9 | 6508.0000 | XLON | 11502115000057431-E0fuwniRndII20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 12:05:25 | 14 | 6508.0000 | XLON | 11502115000057431-E0fuwniRndIG20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 12:05:29 | 88 | 6508.0000 | XLON | 11502115000057438-E0fuwniRndMk20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 12:14:47 | 5 | 6508.0000 | XLON | 11502115000059732-E0fuwniRnIXT20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 12:14:47 | 40 | 6508.0000 | XLON | 01502015000059547-E0fuwniRnIWx20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 12:14:47 | 40 | 6508.0000 | XLON | 01502015000059751-E0fuwniRnIX520191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 12:14:47 | 75 | 6508.0000 | XLON | 11502115000059732-E0fuwniRnIXR20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 12:14:47 | 40 | 6508.0000 | XLON | 11502115000059683-E0fuwniRnIX120191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 12:14:47 | 40 | 6508.0000 | XLON | 11502115000059682-E0fuwniRnIWz20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 12:16:32 | 25 | 6500.0000 | XLON | 01502015000060018-E0fuwniRnmnq20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 12:16:41 | 162 | 6500.0000 | XLON | 11502115000060008-E0fuwniRnmrr20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 12:16:41 | 163 | 6500.0000 | XLON | 01502015000060022-E0fuwniRnmrp20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 12:23:01 | 28 | 6496.0000 | XLON | 11502115000061188-E0fuwniRnrqk20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 12:23:01 | 75 | 6496.0000 | XLON | 11502115000061188-E0fuwniRnrqm20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 12:29:08 | 120 | 6504.0000 | XLON | 01502015000062133-E0fuwniRnw0I20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 12:29:08 | 40 | 6504.0000 | XLON | 01502015000062134-E0fuwniRnw0p20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 12:29:08 | 40 | 6504.0000 | XLON | 11502115000062138-E0fuwniRnw0n20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 12:30:26 | 73 | 6504.0000 | XLON | 11502115000062470-E0fuwniRnx8E20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 12:30:26 | 41 | 6504.0000 | XLON | 11502115000062470-E0fuwniRnx8G20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 12:32:00 | 51 | 6504.0000 | XLON | 11502115000062701-E0fuwniRnrx520191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 12:32:00 | 63 | 6504.0000 | XLON | 11502115000062701-E0fuwniRnrx720191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 12:34:26 | 43 | 6504.0000 | XLON | 11502115000063089-E0fuwniRnzdK20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 12:34:26 | 45 | 6504.0000 | XLON | 01502015000063040-E0fuwniRnzdI20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 12:34:26 | 42 | 6504.0000 | XLON | 11502115000063026-E0fuwniRnzdE20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 12:34:26 | 41 | 6504.0000 | XLON | 11502115000063058-E0fuwniRnzdG20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 12:36:27 | 40 | 6506.0000 | XLON | 01502015000063525-E0fuwniRo1ak20191025 |

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| J.P. Morgan Securities plc | 25-Oct-2019 12:39:20 | 52 | 6504.0000 | XLON | 11502115000064040-E0fuwniRo3nc20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 12:48:23 | 117 | 6508.0000 | XLON | 11502115000066227-E0fuwniRoAMD20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 12:48:23 | 44 | 6508.0000 | XLON | 01502015000066243-E0fuwniRoAMF20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 12:48:23 | 120 | 6508.0000 | XLON | 01502015000066250-E0fuwniRoAMQ20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 12:48:23 | 75 | 6508.0000 | XLON | 01502015000066250-E0fuwniRoAML20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 12:48:24 | 75 | 6508.0000 | XLON | 01502015000066255-E0fuwniRoAMy20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 12:53:03 | 150 | 6510.0000 | XLON | 01502015000067451-E0fuwniRoDk620191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 12:55:59 | 13 | 6512.0000 | XLON | 01502015000068019-E0fuwniRoFe820191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 12:55:59 | 26 | 6512.0000 | XLON | 11502115000068006-E0fuwniRoFe520191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 12:56:45 | 23 | 6510.0000 | XLON | 01502015000068027-E0fuwniRoGFF20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 12:56:45 | 25 | 6510.0000 | XLON | 01502015000068027-E0fuwniRoGFD20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 12:57:40 | 75 | 6508.0000 | XLON | 11502115000068273-E0fuwniRoH3R20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 12:58:07 | 55 | 6508.0000 | XLON | 11502115000068305-E0fuwniRoHHY20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 12:59:20 | 92 | 6508.0000 | XLON | 01502015000068492-E0fuwniRoIHf20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 12:59:20 | 75 | 6508.0000 | XLON | 01502015000068492-E0fuwniRoIHd20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 12:59:26 | 175 | 6506.0000 | XLON | 01502015000068279-E0fuwniRoLLg20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 13:01:03 | 75 | 6504.0000 | XLON | 11502115000068757-E0fuwniRoJgw20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 13:01:03 | 142 | 6504.0000 | XLON | 11502115000068757-E0fuwniRoJgu20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 13:03:40 | 140 | 6504.0000 | XLON | 11502115000069242-E0fuwniRoLgA20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 13:05:54 | 75 | 6504.0000 | XLON | 11502115000069645-E0fuwniRoNS920191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 13:05:54 | 7 | 6504.0000 | XLON | 11502115000069645-E0fuwniRoNSB20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 13:14:37 | 71 | 6506.0000 | XLON | 01502015000071431-E0fuwniRoTPh20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 13:14:37 | 40 | 6506.0000 | XLON | 01502015000071377-E0fuwniRoTPM20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 13:14:37 | 40 | 6506.0000 | XLON | 01502015000071271-E0fuwniRoTPG20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 13:14:37 | 41 | 6506.0000 | XLON | 11502115000071274-E0fuwniRoTPI20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 13:14:37 | 40 | 6506.0000 | XLON | 11502115000071267-E0fuwniRoTPE20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 13:14:37 | 40 | 6506.0000 | XLON | 01502015000071369-E0fuwniRoTPK20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 13:14:37 | 58 | 6506.0000 | XLON | 11502115000071415-E0fuwniRoTPS20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 13:14:37 | 48 | 6506.0000 | XLON | 11502115000071396-E0fuwniRoTPO20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 13:14:37 | 41 | 6506.0000 | XLON | 01502015000071263-E0fuwniRoTPC20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 13:16:39 | 4 | 6506.0000 | XLON | 01502015000071825-E0fuwniRoUd220191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 13:16:39 | 141 | 6506.0000 | XLON | 01502015000071825-E0fuwniRoUd420191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 13:17:04 | 28 | 6502.0000 | XLON | 11502115000071812-E0fuwniRoUul20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 13:18:16 | 17 | 6502.0000 | XLON | 11502115000071812-E0fuwniRoVvx20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 13:22:38 | 75 | 6504.0000 | XLON | 01502015000072927-E0fuwniRoZ4c20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 13:22:38 | 20 | 6504.0000 | XLON | 01502015000072927-E0fuwniRoZ4e20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 13:31:14 | 67 | 6498.0000 | XLON | 11502115000074737-E0fuwniRofzR20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 13:31:14 | 23 | 6498.0000 | XLON | 11502115000074691-E0fuwniRofzM20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 13:31:14 | 29 | 6498.0000 | XLON | 11502115000074691-E0fuwniRofzP20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 13:31:14 | 88 | 6498.0000 | XLON | 01502015000074669-E0fuwniRofzB20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 13:31:14 | 24 | 6498.0000 | XLON | 01502015000074703-E0fuwniRofzl20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 13:31:14 | 15 | 6498.0000 | XLON | 01502015000074669-E0fuwniRofzE20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 13:31:14 | 77 | 6498.0000 | XLON | 01502015000074703-E0fuwniRofzK20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 13:31:14 | 28 | 6498.0000 | XLON | 01502015000074663-E0fuwniRofz920191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 13:31:14 | 42 | 6498.0000 | XLON | 01502015000074654-E0fuwniRofz720191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 13:31:14 | 42 | 6498.0000 | XLON | 11502115000074651-E0fuwniRofzG20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 13:32:35 | 114 | 6498.0000 | XLON | 11502115000075143-E0fuwniRohug20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 13:32:53 | 15 | 6496.0000 | XLON | 01502015000075152-E0fuwniRoi1f20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 13:32:53 | 122 | 6496.0000 | XLON | 01502015000075152-E0fuwniRoi1Z20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 13:35:47 | 43 | 6494.0000 | XLON | 11502115000075616-E0fuwniRokZ320191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 13:37:27 | 75 | 6494.0000 | XLON | 11502115000075881-E0fuwniRoloa20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 13:38:31 | 178 | 6492.0000 | XLON | 11502115000075646-E0fuwniRomfW20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 13:39:18 | 80 | 6490.0000 | XLON | 11502115000076056-E0fuwniRonFA20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 13:40:22 | 76 | 6488.0000 | XLON | 01502015000076140-E0fuwniRooCA20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 13:40:22 | 113 | 6488.0000 | XLON | 11502115000076211-E0fuwniRooCC20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 13:43:34 | 75 | 6486.0000 | XLON | 11502115000076788-E0fuwniRoqna20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 13:45:50 | 193 | 6486.0000 | XLON | 11502115000077059-E0fuwniRosYe20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 13:45:50 | 64 | 6486.0000 | XLON | 01502015000076907-E0fuwniRosYc20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 13:45:50 | 20 | 6486.0000 | XLON | 11502115000076918-E0fuwniRosYa20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 13:45:50 | 25 | 6486.0000 | XLON | 11502115000076918-E0fuwniRosXb20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 13:45:50 | 49 | 6486.0000 | XLON | 01502015000076867-E0fuwniRosXZ20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 13:45:50 | 31 | 6486.0000 | XLON | 01502015000076865-E0fuwniRosXX20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 13:45:50 | 113 | 6486.0000 | XLON | 11502115000076821-E0fuwniRosXV20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 13:49:44 | 26 | 6492.0000 | XLON | 01502015000077673-E0fuwniRow6n20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 13:49:44 | 75 | 6492.0000 | XLON | 01502015000077673-E0fuwniRow6p20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 13:49:44 | 8 | 6492.0000 | XLON | 01502015000077673-E0fuwniRow6l20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 13:53:54 | 6 | 6494.0000 | XLON | 01502015000078539-E0fuwniRoz0E20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 13:53:54 | 16 | 6494.0000 | XLON | 01502015000078539-E0fuwniRoz0G20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 13:53:58 | 18 | 6494.0000 | XLON | 11502115000078540-E0fuwniRoz4E20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 13:53:58 | 75 | 6494.0000 | XLON | 11502115000078540-E0fuwniRoz4C20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 13:55:03 | 75 | 6494.0000 | XLON | 01502015000078696-E0fuwniRp08l20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 13:55:14 | 49 | 6494.0000 | XLON | 11502115000078694-E0fuwniRp0Pc20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 13:55:16 | 162 | 6490.0000 | XLON | 11502115000078689-E0fuwniRp0Rr20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 14:00:51 | 43 | 6492.0000 | XLON | 11502115000079856-E0fuwniRp5m720191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 14:00:51 | 56 | 6492.0000 | XLON | 01502015000079858-E0fuwniRp5m520191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 14:00:51 | 46 | 6492.0000 | XLON | 01502015000079841-E0fuwniRp5m320191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 14:00:51 | 45 | 6492.0000 | XLON | 11502115000079746-E0fuwniRp5m120191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 14:00:51 | 41 | 6492.0000 | XLON | 01502015000079890-E0fuwniRp5mB20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 14:03:30 | 75 | 6494.0000 | XLON | 11502115000080912-E0fuwniRp8pe20191025 |

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| J.P. Morgan Securities plc | 25-Oct-2019 14:03:30 | 77 | 6494.0000 | XLON | 11502115000080912-E0fuwniRp8pc20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 14:03:31 | 52 | 6494.0000 | XLON | 11502115000080916-E0fuwniRp8rq20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 14:03:31 | 92 | 6494.0000 | XLON | 11502115000080916-E0fuwniRp8rs20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 14:03:31 | 75 | 6494.0000 | XLON | 11502115000080916-E0fuwniRp8ru20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 14:03:32 | 175 | 6494.0000 | XLON | 11502115000080918-E0fuwniRp8sr20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 14:03:36 | 92 | 6492.0000 | XLON | 01502015000080948-E0fuwniRp8wz20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 14:03:36 | 100 | 6492.0000 | XLON | 01502015000080948-E0fuwniRp8wx20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 14:03:36 | 14 | 6492.0000 | XLON | 01502015000080948-E0fuwniRp8x120191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 14:05:12 | 12 | 6490.0000 | XLON | 11502115000081129-E0fuwniRpA2C20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 14:05:12 | 27 | 6490.0000 | XLON | 11502115000081129-E0fuwniRpA2820191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 14:05:12 | 14 | 6490.0000 | XLON | 11502115000081129-E0fuwniRpA2A20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 14:05:12 | 75 | 6490.0000 | XLON | 11502115000081129-E0fuwniRpA2620191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 14:06:33 | 70 | 6490.0000 | XLON | 11502115000081352-E0fuwniRpB6g20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 14:06:33 | 75 | 6490.0000 | XLON | 11502115000081352-E0fuwniRpB6e20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 14:06:33 | 75 | 6490.0000 | XLON | 11502115000081352-E0fuwniRpB6c20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 14:06:33 | 7 | 6490.0000 | XLON | 11502115000081352-E0fuwniRpB6a20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 14:07:40 | 144 | 6490.0000 | XLON | 01502015000081574-E0fuwniRpBw920191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 14:07:40 | 57 | 6490.0000 | XLON | 01502015000081574-E0fuwniRpBwB20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 14:09:16 | 195 | 6488.0000 | XLON | 01502015000081296-E0fuwniRpDKj20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 14:10:59 | 74 | 6486.0000 | XLON | 01502015000082112-E0fuwniRpEap20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 14:10:59 | 43 | 6486.0000 | XLON | 01502015000082112-E0fuwniRpEan20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 14:11:22 | 66 | 6486.0000 | XLON | 01502015000082202-E0fuwniRpEvH20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 14:12:29 | 105 | 6484.0000 | XLON | 11502115000082076-E0fuwniRpFrO20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 14:12:29 | 50 | 6484.0000 | XLON | 11502115000082076-E0fuwniRpFrM20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 14:16:54 | 86 | 6484.0000 | XLON | 11502115000083187-E0fuwniRpJCw20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 14:16:54 | 112 | 6484.0000 | XLON | 11502115000083187-E0fuwniRpJCq20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 14:16:54 | 297 | 6484.0000 | XLON | 11502115000083145-E0fuwniRpJCo20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 14:16:56 | 56 | 6482.0000 | XLON | 01502015000083227-E0fuwniRpJE320191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 14:16:56 | 43 | 6482.0000 | XLON | 01502015000083227-E0fuwniRpJDz20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 14:23:13 | 79 | 6480.0000 | XLON | 11502115000084285-E0fuwniRpNVh20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 14:23:13 | 281 | 6480.0000 | XLON | 11502115000084426-E0fuwniRpNVp20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 14:23:13 | 45 | 6480.0000 | XLON | 11502115000084371-E0fuwniRpNVI20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 14:23:13 | 110 | 6480.0000 | XLON | 11502115000084285-E0fuwniRpNVj20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 14:23:13 | 70 | 6480.0000 | XLON | 11502115000084409-E0fuwniRpNVn20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 14:23:52 | 100 | 6480.0000 | XLON | 11502115000084565-E0fuwniRpO7k20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 14:23:52 | 47 | 6480.0000 | XLON | 11502115000084565-E0fuwniRpO7i20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 14:23:52 | 21 | 6480.0000 | XLON | 11502115000084565-E0fuwniRpO7m20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 14:23:52 | 66 | 6480.0000 | XLON | 11502115000084565-E0fuwniRpO7g20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 14:25:31 | 75 | 6482.0000 | XLON | 11502115000084879-E0fuwniRpPdK20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 14:27:08 | 4 | 6482.0000 | XLON | 11502115000085118-E0fuwniRpQxj20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 14:27:08 | 74 | 6482.0000 | XLON | 01502015000085178-E0fuwniRpQxn20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 14:27:08 | 122 | 6482.0000 | XLON | 11502115000085118-E0fuwniRpQxl20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 14:28:40 | 38 | 6478.0000 | XLON | 01502015000085449-E0fuwniRpSMM20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 14:28:40 | 75 | 6478.0000 | XLON | 01502015000085449-E0fuwniRpSMI20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 14:28:40 | 132 | 6478.0000 | XLON | 01502015000085449-E0fuwniRpSMQ20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 14:28:40 | 44 | 6478.0000 | XLON | 01502015000085449-E0fuwniRpSMK20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 14:28:40 | 79 | 6478.0000 | XLON | 01502015000085449-E0fuwniRpSMO20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 14:33:14 | 41 | 6482.0000 | XLON | 11502115000086449-E0fuwniRpXyJ20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 14:33:14 | 79 | 6482.0000 | XLON | 11502115000086448-E0fuwniRpXyF20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 14:33:14 | 134 | 6482.0000 | XLON | 01502015000086504-E0fuwniRpXyL20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 14:33:14 | 35 | 6482.0000 | XLON | 11502115000086450-E0fuwniRpXyR20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 14:33:14 | 5 | 6482.0000 | XLON | 11502115000086450-E0fuwniRpXyP20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 14:33:14 | 46 | 6482.0000 | XLON | 01502015000086502-E0fuwniRpXyH20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 14:33:14 | 233 | 6482.0000 | XLON | 11502115000086448-E0fuwniRpXyC20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 14:33:14 | 48 | 6482.0000 | XLON | 01502015000086504-E0fuwniRpXyN20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 14:37:14 | 48 | 6494.0000 | XLON | 01502015000087549-E0fuwniRpdFU20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 14:37:14 | 14 | 6494.0000 | XLON | 01502015000087549-E0fuwniRpdFS20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 14:37:15 | 238 | 6494.0000 | XLON | 11502115000087484-E0fuwniRpdGb20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 14:38:20 | 75 | 6492.0000 | XLON | 11502115000087701-E0fuwniRpeaY20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 14:38:20 | 239 | 6494.0000 | XLON | 11502115000087516-E0fuwniRpeZk20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 14:48:36 | 188 | 6504.0000 | XLON | 11502115000090042-E0fuwniRprQg20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 14:48:36 | 40 | 6504.0000 | XLON | 01502015000090119-E0fuwniRprQi20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 14:48:39 | 83 | 6504.0000 | XLON | 11502115000090104-E0fuwniRprTG20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 14:48:39 | 75 | 6504.0000 | XLON | 11502115000090104-E0fuwniRprTE20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 14:48:39 | 238 | 6504.0000 | XLON | 01502015000090169-E0fuwniRprSR20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 14:48:39 | 95 | 6504.0000 | XLON | 11502115000090099-E0fuwniRprSV20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 14:50:04 | 74 | 6504.0000 | XLON | 01502015000090239-E0fuwniRptHx20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 14:50:34 | 40 | 6506.0000 | XLON | 11502115000090563-E0fuwniRpuBK20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 14:50:34 | 263 | 6506.0000 | XLON | 01502015000090638-E0fuwniRpuAY20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 14:50:34 | 75 | 6506.0000 | XLON | 11502115000090563-E0fuwniRpuBI20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 14:50:35 | 75 | 6506.0000 | XLON | 01502015000090648-E0fuwniRpuD320191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 14:50:36 | 75 | 6506.0000 | XLON | 11502115000090569-E0fuwniRpuDm20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 14:50:37 | 96 | 6506.0000 | XLON | 01502015000090661-E0fuwniRpuFH20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 14:50:37 | 92 | 6506.0000 | XLON | 01502015000090661-E0fuwniRpuEz20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 14:54:12 | 87 | 6506.0000 | XLON | 11502115000091435-E0fuwniRpyDW20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 14:54:12 | 12 | 6506.0000 | XLON | 11502115000091435-E0fuwniRpyDU20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 14:54:13 | 30 | 6506.0000 | XLON | 11502115000091451-E0fuwniRpyDY20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 14:54:13 | 118 | 6506.0000 | XLON | 01502015000091657-E0fuwniRpyDa20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 14:56:05 | 75 | 6498.0000 | XLON | 11502115000091879-E0fuwniRq0ex20191025 |

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| J.P. Morgan Securities plc | 25-Oct-2019 14:56:05 | 30 | 6498.0000 | XLON | 11502115000091879-E0fuwniRq0ez20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 14:56:06 | 30 | 6498.0000 | XLON | 11502115000091879-E0fuwniRq0f120191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 14:57:45 | 86 | 6500.0000 | XLON | 01502015000092281-E0fuwniRq2M820191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 14:57:45 | 142 | 6500.0000 | XLON | 01502015000092281-E0fuwniRq2MB20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 14:57:53 | 126 | 6500.0000 | XLON | 11502115000092183-E0fuwniRq2db20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 15:06:00 | 40 | 6498.0000 | XLON | 11502115000095854-E0fuwniRqEAJ20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 15:06:00 | 1 | 6498.0000 | XLON | 11502115000095849-E0fuwniRqEAH20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 15:06:00 | 61 | 6498.0000 | XLON | 01502015000095991-E0fuwniRqEAF20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 15:06:00 | 139 | 6498.0000 | XLON | 11502115000095857-E0fuwniRqEAL20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 15:06:00 | 75 | 6498.0000 | XLON | 01502015000096011-E0fuwniRqEBg20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 15:06:00 | 1 | 6498.0000 | XLON | 11502115000095858-E0fuwniRqEAP20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 15:06:00 | 73 | 6498.0000 | XLON | 11502115000095859-E0fuwniRqEAR20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 15:06:00 | 41 | 6498.0000 | XLON | 11502115000095509-E0fuwniRqEA120191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 15:06:00 | 1 | 6498.0000 | XLON | 11502115000095834-E0fuwniRqEA720191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 15:06:00 | 33 | 6498.0000 | XLON | 01502015000095985-E0fuwniRqEAB20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 15:06:00 | 40 | 6498.0000 | XLON | 11502115000095823-E0fuwniRqEA320191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 15:06:00 | 1 | 6498.0000 | XLON | 11502115000095840-E0fuwniRqEAD20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 15:06:00 | 40 | 6498.0000 | XLON | 01502015000095982-E0fuwniRqEA920191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 15:06:00 | 33 | 6498.0000 | XLON | 01502015000095999-E0fuwniRqEAN20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 15:06:00 | 474 | 6498.0000 | XLON | 01502015000095645-E0fuwniRqE9z20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 15:06:00 | 1 | 6498.0000 | XLON | 01502015000095969-E0fuwniRqEA520191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 15:06:00 | 73 | 6498.0000 | XLON | 11502115000095473-E0fuwniRqE9x20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 15:06:01 | 51 | 6498.0000 | XLON | 01502015000096011-E0fuwniRqEBi20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 15:07:42 | 54 | 6502.0000 | XLON | 01502015000096364-E0fuwniRqG4a20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 15:07:42 | 2 | 6502.0000 | XLON | 01502015000096365-E0fuwniRqG4q20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 15:07:42 | 78 | 6502.0000 | XLON | 11502115000096246-E0fuwniRqG4X20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 15:08:12 | 46 | 6506.0000 | XLON | 01502015000096419-E0fuwniRqGfw20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 15:08:12 | 40 | 6506.0000 | XLON | 11502115000096322-E0fuwniRqGg820191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 15:08:12 | 38 | 6506.0000 | XLON | 01502015000096420-E0fuwniRqGg020191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 15:08:12 | 43 | 6506.0000 | XLON | 11502115000096304-E0fuwniRqGfy20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 15:08:12 | 53 | 6506.0000 | XLON | 11502115000096302-E0fuwniRqGfm20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 15:08:12 | 1 | 6506.0000 | XLON | 01502015000096419-E0fuwniRqGft20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 15:09:37 | 40 | 6508.0000 | XLON | 01502015000096720-E0fuwniRqJaO20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 15:10:20 | 11 | 6506.0000 | XLON | 01502015000096874-E0fuwniRqKZ020191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 15:10:20 | 46 | 6506.0000 | XLON | 01502015000096874-E0fuwniRqKZ220191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 15:11:00 | 75 | 6506.0000 | XLON | 01502015000096962-E0fuwniRqLAA20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 15:11:00 | 7 | 6506.0000 | XLON | 01502015000096962-E0fuwniRqLAc20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 15:11:31 | 35 | 6504.0000 | XLON | 11502115000096927-E0fuwniRqLZA20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 15:11:31 | 78 | 6504.0000 | XLON | 11502115000096927-E0fuwniRqLZ820191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 15:12:28 | 67 | 6506.0000 | XLON | 11502115000097091-E0fuwniRqMZm20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 15:12:28 | 73 | 6506.0000 | XLON | 01502015000097224-E0fuwniRqMZs20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 15:13:03 | 7 | 6506.0000 | XLON | 01502015000097353-E0fuwniRqNFr20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 15:13:03 | 100 | 6506.0000 | XLON | 01502015000097353-E0fuwniRqNFn20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 15:13:04 | 75 | 6506.0000 | XLON | 01502015000097353-E0fuwniRqNFp20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 15:14:55 | 3 | 6508.0000 | XLON | 01502015000097608-E0fuwniRqPXk20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 15:14:55 | 3 | 6508.0000 | XLON | 11502115000097471-E0fuwniRqPXi20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 15:14:55 | 69 | 6508.0000 | XLON | 11502115000097571-E0fuwniRqPXq20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 15:14:55 | 24 | 6508.0000 | XLON | 11502115000097571-E0fuwniRqPXs20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 15:14:55 | 85 | 6508.0000 | XLON | 11502115000097479-E0fuwniRqPXo20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 15:14:55 | 158 | 6508.0000 | XLON | 01502015000097599-E0fuwniRqPXg20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 15:16:59 | 43 | 6514.0000 | XLON | 01502015000098014-E0fuwniRqRQ820191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 15:16:59 | 41 | 6514.0000 | XLON | 11502115000097896-E0fuwniRqRQA20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 15:16:59 | 41 | 6514.0000 | XLON | 01502015000098016-E0fuwniRqRQC20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 15:16:59 | 94 | 6514.0000 | XLON | 11502115000097894-E0fuwniRqRQ620191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 15:19:14 | 40 | 6516.0000 | XLON | 11502115000098283-E0fuwniRqTmt20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 15:19:14 | 114 | 6516.0000 | XLON | 01502015000098409-E0fuwniRqTmj20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 15:19:14 | 86 | 6516.0000 | XLON | 01502015000098411-E0fuwniRqTmr20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 15:19:14 | 42 | 6516.0000 | XLON | 11502115000098282-E0fuwniRqTmp20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 15:19:14 | 42 | 6516.0000 | XLON | 01502015000098410-E0fuwniRqTmn20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 15:19:14 | 42 | 6516.0000 | XLON | 11502115000098280-E0fuwniRqTml20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 15:19:39 | 23 | 6516.0000 | XLON | 01502015000098509-E0fuwniRqUPo20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 15:19:39 | 88 | 6516.0000 | XLON | 01502015000098509-E0fuwniRqUPq20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 15:20:18 | 111 | 6516.0000 | XLON | 11502115000098489-E0fuwniRqVFS20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 15:21:42 | 41 | 6520.0000 | XLON | 11502115000098695-E0fuwniRqWyl20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 15:21:42 | 40 | 6520.0000 | XLON | 01502015000098808-E0fuwniRqWyj20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 15:21:42 | 42 | 6520.0000 | XLON | 11502115000098670-E0fuwniRqWyh20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 15:21:42 | 112 | 6520.0000 | XLON | 01502015000098806-E0fuwniRqWyf20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 15:22:19 | 110 | 6520.0000 | XLON | 01502015000098970-E0fuwniRqYI520191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 15:22:58 | 92 | 6520.0000 | XLON | 01502015000099065-E0fuwniRqZ3G20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 15:22:58 | 63 | 6520.0000 | XLON | 01502015000099065-E0fuwniRqZ3E20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 15:23:40 | 40 | 6520.0000 | XLON | 01502015000099177-E0fuwniRqZnl20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 15:25:20 | 75 | 6520.0000 | XLON | 01502015000099444-E0fuwniRqc4820191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 15:25:20 | 18 | 6520.0000 | XLON | 01502015000099444-E0fuwniRqc4A20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 15:25:32 | 53 | 6518.0000 | XLON | 11502115000099302-E0fuwniRqcKz20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 15:25:32 | 40 | 6518.0000 | XLON | 11502115000099037-E0fuwniRqcKv20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 15:28:59 | 58 | 6520.0000 | XLON | 01502015000100110-E0fuwniRqfyw20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 15:28:59 | 59 | 6520.0000 | XLON | 01502015000100110-E0fuwniRqfyf20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 15:30:00 | 70 | 6518.0000 | XLON | 01502015000100246-E0fuwniRqhAt20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 15:30:48 | 58 | 6518.0000 | XLON | 11502115000100298-E0fuwniRqiNy20191025 |

| | | | | | |
|----------------------------|----------------------|-----|-----------|------|--|
| J.P. Morgan Securities plc | 25-Oct-2019 15:32:58 | 44 | 6520.0000 | XLON | 01502015000100827-E0fuwniRqlaj20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 15:32:58 | 43 | 6520.0000 | XLON | 11502115000100710-E0fuwniRqlal20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 15:32:58 | 41 | 6520.0000 | XLON | 11502115000100550-E0fuwniRqlaf20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 15:32:58 | 40 | 6520.0000 | XLON | 01502015000100653-E0fuwniRqlav20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 15:32:58 | 40 | 6520.0000 | XLON | 01502015000100765-E0fuwniRqlah20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 15:39:41 | 15 | 6526.0000 | XLON | 11502115000102701-E0fuwniRqvw920191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 15:39:41 | 23 | 6526.0000 | XLON | 11502115000102701-E0fuwniRqvw720191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 15:39:41 | 8 | 6526.0000 | XLON | 11502115000102701-E0fuwniRqvw520191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 15:41:14 | 50 | 6526.0000 | XLON | 11502115000103013-E0fuwniRqzEW20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 15:44:44 | 93 | 6528.0000 | XLON | 01502015000103934-E0fuwniRr2h220191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 15:44:44 | 109 | 6528.0000 | XLON | 01502015000103934-E0fuwniRr2h020191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 15:44:44 | 12 | 6528.0000 | XLON | 01502015000103934-E0fuwniRr2h420191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 15:44:44 | 19 | 6528.0000 | XLON | 01502015000103934-E0fuwniRr2gy20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 15:45:36 | 78 | 6528.0000 | XLON | 01502015000104114-E0fuwniRr3fC20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 15:48:11 | 88 | 6532.0000 | XLON | 11502115000104559-E0fuwniRr6mU20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 15:48:12 | 75 | 6532.0000 | XLON | 01502015000104687-E0fuwniRr6ol20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 15:48:42 | 21 | 6532.0000 | XLON | 11502115000104631-E0fuwniRr7Ps20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 15:48:42 | 23 | 6532.0000 | XLON | 11502115000104631-E0fuwniRr7Pq20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 15:49:32 | 20 | 6532.0000 | XLON | 11502115000104809-E0fuwniRr8li20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 15:49:32 | 51 | 6532.0000 | XLON | 11502115000104809-E0fuwniRr8lg20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 15:50:32 | 50 | 6532.0000 | XLON | 11502115000105004-E0fuwniRr9sv20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 15:51:13 | 44 | 6532.0000 | XLON | 11502115000105140-E0fuwniRrB8u20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 15:51:13 | 11 | 6532.0000 | XLON | 11502115000105140-E0fuwniRrB8s20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 15:51:59 | 48 | 6532.0000 | XLON | 01502015000105398-E0fuwniRrCRf20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 15:51:59 | 3 | 6532.0000 | XLON | 01502015000105398-E0fuwniRrCRd20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 15:52:40 | 65 | 6532.0000 | XLON | 01502015000105554-E0fuwniRrD6L20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 15:53:33 | 56 | 6532.0000 | XLON | 11502115000105527-E0fuwniRrE9v20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 16:09:06 | 112 | 6526.0000 | XLON | 01502015000107935-E0fuwniRrZJq20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 16:09:07 | 93 | 6524.0000 | XLON | 11502115000107836-E0fuwniRrZSa20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 16:13:22 | 6 | 6532.0000 | XLON | 11502115000108793-E0fuwniRrgH720191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 16:13:23 | 7 | 6532.0000 | XLON | 01502015000108900-E0fuwniRrgHn20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 16:13:23 | 80 | 6532.0000 | XLON | 01502015000108900-E0fuwniRrgHI20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 16:13:23 | 40 | 6532.0000 | XLON | 01502015000108900-E0fuwniRrgHh20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 16:13:23 | 7 | 6532.0000 | XLON | 01502015000108900-E0fuwniRrgHj20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 16:14:21 | 66 | 6532.0000 | XLON | 11502115000108992-E0fuwniRrhV20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 16:14:21 | 48 | 6532.0000 | XLON | 11502115000108973-E0fuwniRrhR20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 16:14:39 | 47 | 6532.0000 | XLON | 01502015000109157-E0fuwniRriNn20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 16:14:39 | 8 | 6530.0000 | XLON | 11502115000109051-E0fuwniRriON20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 16:14:39 | 44 | 6530.0000 | XLON | 11502115000109051-E0fuwniRriOK20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 16:14:39 | 9 | 6532.0000 | XLON | 01502015000109157-E0fuwniRriNI20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 16:15:48 | 5 | 6526.0000 | XLON | 01502015000109398-E0fuwniRrkfj20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 16:15:48 | 55 | 6526.0000 | XLON | 01502015000109398-E0fuwniRrkfl20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 16:16:23 | 31 | 6524.0000 | XLON | 11502115000109309-E0fuwniRriJn20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 16:18:06 | 68 | 6528.0000 | XLON | 01502015000109924-E0fuwniRro3s20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 16:18:06 | 55 | 6528.0000 | XLON | 01502015000109924-E0fuwniRro3q20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 16:18:06 | 62 | 6528.0000 | XLON | 01502015000109924-E0fuwniRro3w20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 16:18:06 | 63 | 6528.0000 | XLON | 01502015000109924-E0fuwniRro3u20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 16:18:11 | 197 | 6526.0000 | XLON | 11502115000109827-E0fuwniRroEQ20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 16:18:11 | 30 | 6526.0000 | XLON | 11502115000109827-E0fuwniRroEK20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 16:19:07 | 122 | 6528.0000 | XLON | 11502115000109967-E0fuwniRrpHm20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 16:20:43 | 64 | 6530.0000 | XLON | 11502115000110295-E0fuwniRrrfI20191025 |
| J.P. Morgan Securities plc | 25-Oct-2019 16:20:43 | 41 | 6530.0000 | XLON | 11502115000110434-E0fuwniRrrfQ20191025 |