

Broker	Transaction Date and Time	Volume	Price (GBP)	Platform	Transaction Reference Number
J.P. Morgan Securities plc	16-Jul-2019 08:01:22	44	5864.0000	XLON	1150211500001355-E0ejhtxjvKKK20190716
J.P. Morgan Securities plc	16-Jul-2019 08:01:22	75	5862.0000	XLON	1150211500001355-E0ejhtxjvKKE20190716
J.P. Morgan Securities plc	16-Jul-2019 08:01:22	100	5862.0000	XLON	01502015000001168-E0ejhtxjvKJh20190716
J.P. Morgan Securities plc	16-Jul-2019 08:01:22	87	5860.0000	XLON	11502115000001198-E0ejhtxjvKJr20190716
J.P. Morgan Securities plc	16-Jul-2019 08:01:22	32	5860.0000	XLON	11502115000001198-E0ejhtxjvKJt20190716
J.P. Morgan Securities plc	16-Jul-2019 08:04:15	119	5864.0000	XLON	11502115000002104-E0ejhtxjvPyp20190716
J.P. Morgan Securities plc	16-Jul-2019 08:04:15	128	5868.0000	XLON	01502015000002255-E0ejhtxjvPyN20190716
J.P. Morgan Securities plc	16-Jul-2019 08:04:15	82	5868.0000	XLON	11502115000002168-E0ejhtxjvPyL20190716
J.P. Morgan Securities plc	16-Jul-2019 08:04:15	17	5868.0000	XLON	11502115000002168-E0ejhtxjvPyJ20190716
J.P. Morgan Securities plc	16-Jul-2019 08:05:03	109	5868.0000	XLON	11502115000002838-E0ejhtxjvRM620190716
J.P. Morgan Securities plc	16-Jul-2019 08:05:03	109	5868.0000	XLON	01502015000002691-E0ejhtxjvRM420190716
J.P. Morgan Securities plc	16-Jul-2019 08:05:03	99	5870.0000	XLON	01502015000002993-E0ejhtxjvRLD20190716
J.P. Morgan Securities plc	16-Jul-2019 08:07:05	119	5866.0000	XLON	01502015000003555-E0ejhtxjvWZL20190716
J.P. Morgan Securities plc	16-Jul-2019 08:07:59	1	5866.0000	XLON	11502115000004509-E0ejhtxjvYxZ20190716
J.P. Morgan Securities plc	16-Jul-2019 08:08:33	75	5868.0000	XLON	01502015000004800-E0ejhtxjva7K20190716
J.P. Morgan Securities plc	16-Jul-2019 08:08:33	43	5868.0000	XLON	01502015000004800-E0ejhtxjva7M20190716
J.P. Morgan Securities plc	16-Jul-2019 08:08:56	202	5866.0000	XLON	11502115000004651-E0ejhtxjval420190716
J.P. Morgan Securities plc	16-Jul-2019 08:11:36	97	5882.0000	XLON	11502115000006298-E0ejhtxjvhdY20190716
J.P. Morgan Securities plc	16-Jul-2019 08:11:36	22	5882.0000	XLON	11502115000006298-E0ejhtxjvhdW20190716
J.P. Morgan Securities plc	16-Jul-2019 08:11:36	119	5882.0000	XLON	11502115000006298-E0ejhtxjvhdT20190716
J.P. Morgan Securities plc	16-Jul-2019 08:13:04	203	5884.0000	XLON	01502015000006775-E0ejhtxjvkaU20190716
J.P. Morgan Securities plc	16-Jul-2019 08:13:07	156	5884.0000	XLON	11502115000006900-E0ejhtxjvkhP20190716
J.P. Morgan Securities plc	16-Jul-2019 08:13:07	99	5884.0000	XLON	01502015000006909-E0ejhtxjvkhN20190716
J.P. Morgan Securities plc	16-Jul-2019 08:13:18	100	5880.0000	XLON	01502015000006145-E0ejhtxjvl2320190716
J.P. Morgan Securities plc	16-Jul-2019 08:15:43	129	5888.0000	XLON	01502015000007751-E0ejhtxjvowl20190716
J.P. Morgan Securities plc	16-Jul-2019 08:15:43	144	5888.0000	XLON	01502015000007914-E0ejhtxjvowK20190716
J.P. Morgan Securities plc	16-Jul-2019 08:16:01	75	5888.0000	XLON	11502115000008210-E0ejhtxjvppb020190716
J.P. Morgan Securities plc	16-Jul-2019 08:16:59	178	5882.0000	XLON	01502015000008205-E0ejhtxjvrax20190716
J.P. Morgan Securities plc	16-Jul-2019 08:17:52	186	5878.0000	XLON	11502115000008801-E0ejhtxjvtBg20190716
J.P. Morgan Securities plc	16-Jul-2019 08:17:52	11	5876.0000	XLON	11502115000007917-E0ejhtxjvtCA20190716
J.P. Morgan Securities plc	16-Jul-2019 08:17:57	38	5876.0000	XLON	11502115000007917-E0ejhtxjvtly20190716
J.P. Morgan Securities plc	16-Jul-2019 08:18:01	60	5876.0000	XLON	11502115000007917-E0ejhtxjvtQ920190716
J.P. Morgan Securities plc	16-Jul-2019 08:19:44	135	5878.0000	XLON	01502015000009476-E0ejhtxjvw5g20190716
J.P. Morgan Securities plc	16-Jul-2019 08:21:19	223	5878.0000	XLON	11502115000009964-E0ejhtxjvyEq20190716
J.P. Morgan Securities plc	16-Jul-2019 08:21:27	149	5876.0000	XLON	01502015000009380-E0ejhtxjvyMf20190716
J.P. Morgan Securities plc	16-Jul-2019 08:24:03	12	5876.0000	XLON	01502015000010806-E0ejhtxjw2EN20190716
J.P. Morgan Securities plc	16-Jul-2019 08:24:03	17	5876.0000	XLON	01502015000010806-E0ejhtxjw2EL20190716
J.P. Morgan Securities plc	16-Jul-2019 08:24:03	8	5876.0000	XLON	01502015000010717-E0ejhtxjw2EC20190716
J.P. Morgan Securities plc	16-Jul-2019 08:24:03	161	5876.0000	XLON	01502015000010806-E0ejhtxjw2EJ20190716
J.P. Morgan Securities plc	16-Jul-2019 08:24:03	89	5876.0000	XLON	01502015000010717-E0ejhtxjw2EF20190716
J.P. Morgan Securities plc	16-Jul-2019 08:24:03	17	5876.0000	XLON	11502115000010938-E0ejhtxjw2EP20190716
J.P. Morgan Securities plc	16-Jul-2019 08:24:03	39	5876.0000	XLON	01502015000010717-E0ejhtxjw2EH20190716
J.P. Morgan Securities plc	16-Jul-2019 08:24:21	68	5876.0000	XLON	11502115000011057-E0ejhtxjw2ej20190716
J.P. Morgan Securities plc	16-Jul-2019 08:24:21	97	5876.0000	XLON	11502115000011057-E0ejhtxjw2eh20190716
J.P. Morgan Securities plc	16-Jul-2019 08:27:54	98	5882.0000	XLON	01502015000012511-E0ejhtxjw90q20190716
J.P. Morgan Securities plc	16-Jul-2019 08:27:54	100	5882.0000	XLON	11502115000012426-E0ejhtxjw90m20190716
J.P. Morgan Securities plc	16-Jul-2019 08:27:54	26	5882.0000	XLON	11502115000012273-E0ejhtxjw90k20190716
J.P. Morgan Securities plc	16-Jul-2019 08:27:54	3	5882.0000	XLON	01502015000012511-E0ejhtxjw90o20190716
J.P. Morgan Securities plc	16-Jul-2019 08:27:54	123	5882.0000	XLON	11502115000012032-E0ejhtxjw90a20190716
J.P. Morgan Securities plc	16-Jul-2019 08:30:30	111	5882.0000	XLON	11502115000013207-E0ejhtxjwD8G20190716
J.P. Morgan Securities plc	16-Jul-2019 08:30:30	28	5882.0000	XLON	11502115000013302-E0ejhtxjwD8K20190716
J.P. Morgan Securities plc	16-Jul-2019 08:30:30	71	5882.0000	XLON	01502015000013422-E0ejhtxjwD8M20190716
J.P. Morgan Securities plc	16-Jul-2019 08:30:30	89	5882.0000	XLON	11502115000013302-E0ejhtxjwD8I20190716
J.P. Morgan Securities plc	16-Jul-2019 08:30:30	32	5882.0000	XLON	01502015000013608-E0ejhtxjwD8Q20190716
J.P. Morgan Securities plc	16-Jul-2019 08:31:34	119	5882.0000	XLON	01502015000014003-E0ejhtxjwFH920190716
J.P. Morgan Securities plc	16-Jul-2019 08:31:42	109	5880.0000	XLON	01502015000013989-E0ejhtxjwFRY20190716
J.P. Morgan Securities plc	16-Jul-2019 08:34:21	75	5886.0000	XLON	01502015000014739-E0ejhtxjwJ6Q20190716
J.P. Morgan Securities plc	16-Jul-2019 08:34:21	24	5886.0000	XLON	01502015000014739-E0ejhtxjwJ6O20190716
J.P. Morgan Securities plc	16-Jul-2019 08:34:21	32	5886.0000	XLON	01502015000014739-E0ejhtxjwJ6S20190716
J.P. Morgan Securities plc	16-Jul-2019 08:34:21	23	5886.0000	XLON	01502015000014739-E0ejhtxjwJ6U20190716
J.P. Morgan Securities plc	16-Jul-2019 08:34:44	23	5884.0000	XLON	11502115000014676-E0ejhtxjwJor20190716
J.P. Morgan Securities plc	16-Jul-2019 08:34:44	82	5884.0000	XLON	11502115000014676-E0ejhtxjwJot20190716
J.P. Morgan Securities plc	16-Jul-2019 08:34:44	13	5884.0000	XLON	11502115000014676-E0ejhtxjwJom20190716
J.P. Morgan Securities plc	16-Jul-2019 08:34:44	110	5884.0000	XLON	11502115000014676-E0ejhtxjwJoo20190716
J.P. Morgan Securities plc	16-Jul-2019 08:37:01	116	5884.0000	XLON	11502115000015566-E0ejhtxjwP9X20190716
J.P. Morgan Securities plc	16-Jul-2019 08:37:01	92	5884.0000	XLON	11502115000015566-E0ejhtxjwPAL20190716
J.P. Morgan Securities plc	16-Jul-2019 08:37:02	173	5884.0000	XLON	11502115000015485-E0ejhtxjwP9V20190716
J.P. Morgan Securities plc	16-Jul-2019 08:37:47	155	5880.0000	XLON	11502115000015789-E0ejhtxjwR5b20190716
J.P. Morgan Securities plc	16-Jul-2019 08:37:47	19	5880.0000	XLON	11502115000015789-E0ejhtxjwR5W20190716
J.P. Morgan Securities plc	16-Jul-2019 08:40:00	121	5876.0000	XLON	01502015000016486-E0ejhtxjwUjd20190716
J.P. Morgan Securities plc	16-Jul-2019 08:40:00	190	5876.0000	XLON	11502115000016672-E0ejhtxjwUji20190716
J.P. Morgan Securities plc	16-Jul-2019 08:40:00	100	5876.0000	XLON	01502015000016486-E0ejhtxjwUjg20190716
J.P. Morgan Securities plc	16-Jul-2019 08:41:30	135	5874.0000	XLON	01502015000016994-E0ejhtxjwVVK20190716
J.P. Morgan Securities plc	16-Jul-2019 08:42:54	157	5874.0000	XLON	11502115000017272-E0ejhtxjwYML20190716
J.P. Morgan Securities plc	16-Jul-2019 08:45:40	90	5882.0000	XLON	11502115000018025-E0ejhtxjwch320190716
J.P. Morgan Securities plc	16-Jul-2019 08:45:40	70	5882.0000	XLON	11502115000018025-E0ejhtxjwch020190716
J.P. Morgan Securities plc	16-Jul-2019 08:45:40	79	5882.0000	XLON	11502115000018025-E0ejhtxjwch620190716
J.P. Morgan Securities plc	16-Jul-2019 08:45:40	106	5882.0000	XLON	01502015000018140-E0ejhtxjwch820190716

J.P. Morgan Securities plc	16-Jul-2019 08:46:19	75	5880.0000	XLON	01502015000018308-E0ejhtxjwdZ520190716
J.P. Morgan Securities plc	16-Jul-2019 08:46:19	61	5880.0000	XLON	01502015000018308-E0ejhtxjwdZ720190716
J.P. Morgan Securities plc	16-Jul-2019 08:47:38	150	5876.0000	XLON	01502015000018238-E0ejhtxjwfae20190716
J.P. Morgan Securities plc	16-Jul-2019 08:49:53	115	5878.0000	XLON	01502015000019230-E0ejhtxjwiGu20190716
J.P. Morgan Securities plc	16-Jul-2019 08:49:53	181	5878.0000	XLON	01502015000019303-E0ejhtxjwiH020190716
J.P. Morgan Securities plc	16-Jul-2019 08:51:05	62	5880.0000	XLON	11502115000019691-E0ejhtxjwk6g20190716
J.P. Morgan Securities plc	16-Jul-2019 08:51:05	75	5880.0000	XLON	11502115000019691-E0ejhtxjwk6e20190716
J.P. Morgan Securities plc	16-Jul-2019 08:52:00	183	5876.0000	XLON	11502115000019668-E0ejhtxjwxf20190716
J.P. Morgan Securities plc	16-Jul-2019 08:52:41	52	5876.0000	XLON	01502015000020092-E0ejhtxjwmlr20190716
J.P. Morgan Securities plc	16-Jul-2019 08:53:56	106	5878.0000	XLON	11502115000020253-E0ejhtxjwoFH20190716
J.P. Morgan Securities plc	16-Jul-2019 08:53:56	106	5878.0000	XLON	01502015000020368-E0ejhtxjwoFJ20190716
J.P. Morgan Securities plc	16-Jul-2019 08:54:21	4	5878.0000	XLON	11502115000020412-E0ejhtxjwor120190716
J.P. Morgan Securities plc	16-Jul-2019 08:54:21	54	5878.0000	XLON	11502115000020412-E0ejhtxjwor720190716
J.P. Morgan Securities plc	16-Jul-2019 08:54:21	48	5878.0000	XLON	11502115000020412-E0ejhtxjwor320190716
J.P. Morgan Securities plc	16-Jul-2019 08:54:21	31	5878.0000	XLON	11502115000020412-E0ejhtxjwor520190716
J.P. Morgan Securities plc	16-Jul-2019 08:54:21	75	5878.0000	XLON	11502115000020412-E0ejhtxjwoqz20190716
J.P. Morgan Securities plc	16-Jul-2019 08:54:37	123	5876.0000	XLON	11502115000020097-E0ejhtxjwpHT20190716
J.P. Morgan Securities plc	16-Jul-2019 08:56:57	165	5876.0000	XLON	01502015000021025-E0ejhtxjws7P20190716
J.P. Morgan Securities plc	16-Jul-2019 08:56:57	121	5876.0000	XLON	01502015000021416-E0ejhtxjws7T20190716
J.P. Morgan Securities plc	16-Jul-2019 08:57:41	90	5874.0000	XLON	11502115000021707-E0ejhtxjwslD20190716
J.P. Morgan Securities plc	16-Jul-2019 08:57:41	29	5874.0000	XLON	11502115000021707-E0ejhtxjwslB20190716
J.P. Morgan Securities plc	16-Jul-2019 08:59:21	70	5874.0000	XLON	01502015000022157-E0ejhtxjwutC20190716
J.P. Morgan Securities plc	16-Jul-2019 08:59:21	75	5874.0000	XLON	01502015000022157-E0ejhtxjwutE20190716
J.P. Morgan Securities plc	16-Jul-2019 09:01:01	75	5874.0000	XLON	01502015000022699-E0ejhtxjwx8220190716
J.P. Morgan Securities plc	16-Jul-2019 09:02:41	44	5874.0000	XLON	01502015000023400-E0ejhtxjwzY720190716
J.P. Morgan Securities plc	16-Jul-2019 09:02:41	50	5874.0000	XLON	01502015000023400-E0ejhtxjwzY520190716
J.P. Morgan Securities plc	16-Jul-2019 09:02:41	75	5874.0000	XLON	01502015000023400-E0ejhtxjwzY320190716
J.P. Morgan Securities plc	16-Jul-2019 09:02:41	24	5874.0000	XLON	01502015000023400-E0ejhtxjwzY120190716
J.P. Morgan Securities plc	16-Jul-2019 09:04:35	24	5874.0000	XLON	01502015000023891-E0ejhtxjx1yP20190716
J.P. Morgan Securities plc	16-Jul-2019 09:04:35	191	5874.0000	XLON	01502015000023891-E0ejhtxjx1yN20190716
J.P. Morgan Securities plc	16-Jul-2019 09:04:55	166	5872.0000	XLON	11502115000023722-E0ejhtxjx2O320190716
J.P. Morgan Securities plc	16-Jul-2019 09:06:41	38	5876.0000	XLON	01502015000024445-E0ejhtxjx5Zg20190716
J.P. Morgan Securities plc	16-Jul-2019 09:06:41	107	5876.0000	XLON	01502015000024445-E0ejhtxjx5Ze20190716
J.P. Morgan Securities plc	16-Jul-2019 09:07:41	50	5878.0000	XLON	01502015000024674-E0ejhtxjx74j20190716
J.P. Morgan Securities plc	16-Jul-2019 09:07:41	75	5878.0000	XLON	01502015000024674-E0ejhtxjx74f20190716
J.P. Morgan Securities plc	16-Jul-2019 09:07:41	75	5878.0000	XLON	01502015000024674-E0ejhtxjx74i20190716
J.P. Morgan Securities plc	16-Jul-2019 09:07:41	4	5878.0000	XLON	01502015000024674-E0ejhtxjx74h20190716
J.P. Morgan Securities plc	16-Jul-2019 09:09:38	148	5880.0000	XLON	11502115000024929-E0ejhtxjx9nE20190716
J.P. Morgan Securities plc	16-Jul-2019 09:09:45	163	5878.0000	XLON	01502015000025070-E0ejhtxjx9xs20190716
J.P. Morgan Securities plc	16-Jul-2019 09:11:19	3	5884.0000	XLON	01502015000025764-E0ejhtxjxBpS20190716
J.P. Morgan Securities plc	16-Jul-2019 09:11:19	30	5884.0000	XLON	01502015000025764-E0ejhtxjxBpU20190716
J.P. Morgan Securities plc	16-Jul-2019 09:12:02	105	5884.0000	XLON	11502115000025781-E0ejhtxjxCVi20190716
J.P. Morgan Securities plc	16-Jul-2019 09:14:21	123	5888.0000	XLON	11502115000026798-E0ejhtxjxFZz20190716
J.P. Morgan Securities plc	16-Jul-2019 09:14:21	101	5888.0000	XLON	01502015000026978-E0ejhtxjxFaB20190716
J.P. Morgan Securities plc	16-Jul-2019 09:14:21	125	5888.0000	XLON	11502115000026327-E0ejhtxjxFZg20190716
J.P. Morgan Securities plc	16-Jul-2019 09:14:21	54	5888.0000	XLON	11502115000026598-E0ejhtxjxFZk20190716
J.P. Morgan Securities plc	16-Jul-2019 09:16:19	6	5886.0000	XLON	11502115000027372-E0ejhtxjxJ6T20190716
J.P. Morgan Securities plc	16-Jul-2019 09:16:19	107	5886.0000	XLON	11502115000027372-E0ejhtxjxJ6R20190716
J.P. Morgan Securities plc	16-Jul-2019 09:16:19	75	5886.0000	XLON	11502115000027372-E0ejhtxjxJ6P20190716
J.P. Morgan Securities plc	16-Jul-2019 09:17:48	55	5888.0000	XLON	01502015000028055-E0ejhtxjxKoa20190716
J.P. Morgan Securities plc	16-Jul-2019 09:21:48	9	5890.0000	XLON	11502115000029454-E0ejhtxjxPTZ20190716
J.P. Morgan Securities plc	16-Jul-2019 09:21:48	26	5890.0000	XLON	11502115000029454-E0ejhtxjxPTV20190716
J.P. Morgan Securities plc	16-Jul-2019 09:21:48	13	5890.0000	XLON	11502115000029173-E0ejhtxjxPTA20190716
J.P. Morgan Securities plc	16-Jul-2019 09:21:48	66	5890.0000	XLON	11502115000029173-E0ejhtxjxPT420190716
J.P. Morgan Securities plc	16-Jul-2019 09:21:48	10	5890.0000	XLON	01502015000029623-E0ejhtxjxPTR20190716
J.P. Morgan Securities plc	16-Jul-2019 09:21:48	1	5890.0000	XLON	11502115000029173-E0ejhtxjxPT820190716
J.P. Morgan Securities plc	16-Jul-2019 09:21:48	1	5890.0000	XLON	01502015000029623-E0ejhtxjxPTP20190716
J.P. Morgan Securities plc	16-Jul-2019 09:21:48	67	5890.0000	XLON	11502115000029454-E0ejhtxjxPTT20190716
J.P. Morgan Securities plc	16-Jul-2019 09:21:48	13	5890.0000	XLON	01502015000029533-E0ejhtxjxPTF20190716
J.P. Morgan Securities plc	16-Jul-2019 09:21:48	92	5890.0000	XLON	01502015000029533-E0ejhtxjxPTC20190716
J.P. Morgan Securities plc	16-Jul-2019 09:21:48	27	5890.0000	XLON	01502015000029346-E0ejhtxjxPT220190716
J.P. Morgan Securities plc	16-Jul-2019 09:21:48	84	5890.0000	XLON	01502015000029610-E0ejhtxjxPTH20190716
J.P. Morgan Securities plc	16-Jul-2019 09:21:48	23	5890.0000	XLON	01502015000029610-E0ejhtxjxPTJ20190716
J.P. Morgan Securities plc	16-Jul-2019 09:21:48	7	5890.0000	XLON	01502015000029614-E0ejhtxjxPTN20190716
J.P. Morgan Securities plc	16-Jul-2019 09:21:48	15	5890.0000	XLON	01502015000029614-E0ejhtxjxPTL20190716
J.P. Morgan Securities plc	16-Jul-2019 09:21:48	169	5890.0000	XLON	11502115000029173-E0ejhtxjxPT620190716
J.P. Morgan Securities plc	16-Jul-2019 09:21:48	99	5890.0000	XLON	01502015000029336-E0ejhtxjxPT020190716
J.P. Morgan Securities plc	16-Jul-2019 09:23:28	45	5888.0000	XLON	01502015000030222-E0ejhtxjxRVZ20190716
J.P. Morgan Securities plc	16-Jul-2019 09:24:50	29	5884.0000	XLON	01502015000030897-E0ejhtxjxT8V20190716
J.P. Morgan Securities plc	16-Jul-2019 09:24:50	75	5884.0000	XLON	01502015000030897-E0ejhtxjxT8T20190716
J.P. Morgan Securities plc	16-Jul-2019 09:25:08	132	5884.0000	XLON	11502115000030824-E0ejhtxjxTZQ20190716
J.P. Morgan Securities plc	16-Jul-2019 09:25:08	38	5884.0000	XLON	11502115000030824-E0ejhtxjxTZO20190716
J.P. Morgan Securities plc	16-Jul-2019 09:25:50	107	5882.0000	XLON	01502015000029625-E0ejhtxjxUGv20190716
J.P. Morgan Securities plc	16-Jul-2019 09:26:01	71	5882.0000	XLON	11502115000031108-E0ejhtxjxUTX20190716
J.P. Morgan Securities plc	16-Jul-2019 09:26:01	69	5882.0000	XLON	11502115000031108-E0ejhtxjxUTZ20190716
J.P. Morgan Securities plc	16-Jul-2019 09:27:59	104	5880.0000	XLON	01502015000031843-E0ejhtxjxWj020190716
J.P. Morgan Securities plc	16-Jul-2019 09:27:59	75	5880.0000	XLON	01502015000031843-E0ejhtxjxWiy20190716
J.P. Morgan Securities plc	16-Jul-2019 09:29:00	131	5878.0000	XLON	11502115000031618-E0ejhtxjxXNK20190716
J.P. Morgan Securities plc	16-Jul-2019 09:30:13	109	5876.0000	XLON	11502115000032466-E0ejhtxjxZ1220190716

J.P. Morgan Securities plc	16-Jul-2019 10:21:43	111	5880.0000	XLON	01502015000051463-E0ejhtxjyVKc20190716
J.P. Morgan Securities plc	16-Jul-2019 10:21:43	130	5880.0000	XLON	11502115000050950-E0ejhtxjyVJz20190716
J.P. Morgan Securities plc	16-Jul-2019 10:21:43	67	5880.0000	XLON	11502115000050950-E0ejhtxjyVK520190716
J.P. Morgan Securities plc	16-Jul-2019 10:21:43	38	5880.0000	XLON	11502115000050950-E0ejhtxjyVK720190716
J.P. Morgan Securities plc	16-Jul-2019 10:21:43	45	5880.0000	XLON	11502115000050950-E0ejhtxjyVKB20190716
J.P. Morgan Securities plc	16-Jul-2019 10:21:43	159	5880.0000	XLON	11502115000050950-E0ejhtxjyVK920190716
J.P. Morgan Securities plc	16-Jul-2019 10:21:43	40	5880.0000	XLON	11502115000050950-E0ejhtxjyVKE20190716
J.P. Morgan Securities plc	16-Jul-2019 10:21:43	6	5880.0000	XLON	11502115000050950-E0ejhtxjyVK120190716
J.P. Morgan Securities plc	16-Jul-2019 10:21:43	104	5880.0000	XLON	11502115000050980-E0ejhtxjyVKP20190716
J.P. Morgan Securities plc	16-Jul-2019 10:21:43	34	5880.0000	XLON	11502115000051203-E0ejhtxjyVKY20190716
J.P. Morgan Securities plc	16-Jul-2019 10:26:02	88	5878.0000	XLON	01502015000051937-E0ejhtxjyZEx20190716
J.P. Morgan Securities plc	16-Jul-2019 10:28:47	182	5880.0000	XLON	01502015000053050-E0ejhtxjybsG20190716
J.P. Morgan Securities plc	16-Jul-2019 10:28:47	60	5880.0000	XLON	01502015000053050-E0ejhtxjybsL20190716
J.P. Morgan Securities plc	16-Jul-2019 10:28:47	179	5880.0000	XLON	11502115000052972-E0ejhtxjybsN20190716
J.P. Morgan Securities plc	16-Jul-2019 10:29:21	46	5878.0000	XLON	11502115000053155-E0ejhtxjycOw20190716
J.P. Morgan Securities plc	16-Jul-2019 10:29:21	33	5878.0000	XLON	11502115000053155-E0ejhtxjycOu20190716
J.P. Morgan Securities plc	16-Jul-2019 10:29:21	55	5878.0000	XLON	11502115000053155-E0ejhtxjycOs20190716
J.P. Morgan Securities plc	16-Jul-2019 10:29:21	37	5878.0000	XLON	11502115000053155-E0ejhtxjycOq20190716
J.P. Morgan Securities plc	16-Jul-2019 10:32:41	159	5880.0000	XLON	01502015000054359-E0ejhtxjyfoO20190716
J.P. Morgan Securities plc	16-Jul-2019 10:32:41	74	5880.0000	XLON	01502015000054359-E0ejhtxjyfoQ20190716
J.P. Morgan Securities plc	16-Jul-2019 10:32:56	118	5878.0000	XLON	01502015000053867-E0ejhtxjygg0g20190716
J.P. Morgan Securities plc	16-Jul-2019 10:32:56	24	5878.0000	XLON	01502015000053872-E0ejhtxjygg0i20190716
J.P. Morgan Securities plc	16-Jul-2019 10:35:14	164	5878.0000	XLON	01502015000054948-E0ejhtxjyiOK20190716
J.P. Morgan Securities plc	16-Jul-2019 10:35:14	100	5878.0000	XLON	11502115000054696-E0ejhtxjyiOG20190716
J.P. Morgan Securities plc	16-Jul-2019 10:35:14	45	5878.0000	XLON	11502115000054797-E0ejhtxjyiOM20190716
J.P. Morgan Securities plc	16-Jul-2019 10:37:45	52	5880.0000	XLON	11502115000055266-E0ejhtxjyky820190716
J.P. Morgan Securities plc	16-Jul-2019 10:37:45	41	5880.0000	XLON	11502115000055266-E0ejhtxjyky620190716
J.P. Morgan Securities plc	16-Jul-2019 10:37:45	48	5880.0000	XLON	11502115000055266-E0ejhtxjyky420190716
J.P. Morgan Securities plc	16-Jul-2019 10:38:18	109	5878.0000	XLON	01502015000055380-E0ejhtxjyljx20190716
J.P. Morgan Securities plc	16-Jul-2019 10:38:20	10	5878.0000	XLON	01502015000055450-E0ejhtxjylmh20190716
J.P. Morgan Securities plc	16-Jul-2019 10:38:20	9	5878.0000	XLON	11502115000055249-E0ejhtxjylmj20190716
J.P. Morgan Securities plc	16-Jul-2019 10:39:39	75	5878.0000	XLON	01502015000055972-E0ejhtxjymrK20190716
J.P. Morgan Securities plc	16-Jul-2019 10:39:39	50	5878.0000	XLON	01502015000055972-E0ejhtxjymrl20190716
J.P. Morgan Securities plc	16-Jul-2019 10:41:01	37	5880.0000	XLON	01502015000056207-E0ejhtxjynh120190716
J.P. Morgan Securities plc	16-Jul-2019 10:41:01	5	5880.0000	XLON	01502015000056207-E0ejhtxjynh320190716
J.P. Morgan Securities plc	16-Jul-2019 10:57:38	137	5884.0000	XLON	11502115000062703-E0ejhtxjz4IK20190716
J.P. Morgan Securities plc	16-Jul-2019 10:57:38	183	5884.0000	XLON	01502015000062953-E0ejhtxjz4I620190716
J.P. Morgan Securities plc	16-Jul-2019 10:57:38	137	5884.0000	XLON	11502115000062684-E0ejhtxjz4Hb20190716
J.P. Morgan Securities plc	16-Jul-2019 10:57:38	47	5884.0000	XLON	11502115000061963-E0ejhtxjz4HX20190716
J.P. Morgan Securities plc	16-Jul-2019 10:57:38	119	5884.0000	XLON	01502015000062934-E0ejhtxjz4Hd20190716
J.P. Morgan Securities plc	16-Jul-2019 10:57:38	341	5884.0000	XLON	11502115000061963-E0ejhtxjz4HZ20190716
J.P. Morgan Securities plc	16-Jul-2019 10:57:38	49	5884.0000	XLON	11502115000062691-E0ejhtxjz4Hf20190716
J.P. Morgan Securities plc	16-Jul-2019 10:57:38	191	5884.0000	XLON	11502115000062702-E0ejhtxjz4Hh20190716
J.P. Morgan Securities plc	16-Jul-2019 10:57:38	400	5884.0000	XLON	01502015000062202-E0ejhtxjz4HV20190716
J.P. Morgan Securities plc	16-Jul-2019 11:06:32	6	5882.0000	XLON	11502115000066146-E0ejhtxjzDSf20190716
J.P. Morgan Securities plc	16-Jul-2019 11:06:32	171	5882.0000	XLON	11502115000066146-E0ejhtxjzDSd20190716
J.P. Morgan Securities plc	16-Jul-2019 11:06:32	69	5882.0000	XLON	01502015000066444-E0ejhtxjzDSw20190716
J.P. Morgan Securities plc	16-Jul-2019 11:06:32	339	5882.0000	XLON	01502015000066444-E0ejhtxjzDSu20190716
J.P. Morgan Securities plc	16-Jul-2019 11:06:32	151	5882.0000	XLON	11502115000066205-E0ejhtxjzDSh20190716
J.P. Morgan Securities plc	16-Jul-2019 11:06:32	4	5882.0000	XLON	11502115000066118-E0ejhtxjzDSZ20190716
J.P. Morgan Securities plc	16-Jul-2019 11:06:32	11	5882.0000	XLON	01502015000066361-E0ejhtxjzDSb20190716
J.P. Morgan Securities plc	16-Jul-2019 11:06:32	85	5882.0000	XLON	11502115000066113-E0ejhtxjzDSV20190716
J.P. Morgan Securities plc	16-Jul-2019 11:06:32	14	5882.0000	XLON	11502115000066113-E0ejhtxjzDSX20190716
J.P. Morgan Securities plc	16-Jul-2019 11:07:39	121	5878.0000	XLON	01502015000066687-E0ejhtxjzEkD20190716
J.P. Morgan Securities plc	16-Jul-2019 11:07:39	35	5878.0000	XLON	01502015000066687-E0ejhtxjzEkB20190716
J.P. Morgan Securities plc	16-Jul-2019 11:07:39	56	5878.0000	XLON	01502015000066687-E0ejhtxjzEkF20190716
J.P. Morgan Securities plc	16-Jul-2019 11:11:28	55	5880.0000	XLON	01502015000067821-E0ejhtxjzJ4m20190716
J.P. Morgan Securities plc	16-Jul-2019 11:11:29	126	5880.0000	XLON	01502015000067828-E0ejhtxjzJ8T20190716
J.P. Morgan Securities plc	16-Jul-2019 11:11:29	35	5880.0000	XLON	01502015000067828-E0ejhtxjzJ8V20190716
J.P. Morgan Securities plc	16-Jul-2019 11:11:29	96	5880.0000	XLON	01502015000067828-E0ejhtxjzJ8R20190716
J.P. Morgan Securities plc	16-Jul-2019 11:11:33	103	5878.0000	XLON	11502115000067255-E0ejhtxjzJCJ20190716
J.P. Morgan Securities plc	16-Jul-2019 11:11:34	197	5878.0000	XLON	01502015000067490-E0ejhtxjzJCE20190716
J.P. Morgan Securities plc	16-Jul-2019 11:11:34	19	5878.0000	XLON	01502015000067490-E0ejhtxjzJCH20190716
J.P. Morgan Securities plc	16-Jul-2019 11:13:09	11	5876.0000	XLON	01502015000068111-E0ejhtxjzKZL20190716
J.P. Morgan Securities plc	16-Jul-2019 11:13:09	131	5876.0000	XLON	01502015000068111-E0ejhtxjzKZJ20190716
J.P. Morgan Securities plc	16-Jul-2019 11:14:49	112	5876.0000	XLON	11502115000068315-E0ejhtxjzMG120190716
J.P. Morgan Securities plc	16-Jul-2019 11:14:49	13	5876.0000	XLON	11502115000068315-E0ejhtxjzMG320190716
J.P. Morgan Securities plc	16-Jul-2019 11:16:01	123	5878.0000	XLON	01502015000068794-E0ejhtxjzN0n20190716
J.P. Morgan Securities plc	16-Jul-2019 11:25:28	52	5888.0000	XLON	11502115000071330-E0ejhtxjzXH420190716
J.P. Morgan Securities plc	16-Jul-2019 11:25:28	11	5888.0000	XLON	11502115000071330-E0ejhtxjzXH820190716
J.P. Morgan Securities plc	16-Jul-2019 11:25:28	6	5888.0000	XLON	11502115000071329-E0ejhtxjzXGy20190716
J.P. Morgan Securities plc	16-Jul-2019 11:25:28	100	5888.0000	XLON	01502015000071607-E0ejhtxjzXH220190716
J.P. Morgan Securities plc	16-Jul-2019 11:25:28	7	5888.0000	XLON	11502115000071329-E0ejhtxjzXH020190716
J.P. Morgan Securities plc	16-Jul-2019 11:25:28	87	5888.0000	XLON	11502115000071329-E0ejhtxjzXGw20190716
J.P. Morgan Securities plc	16-Jul-2019 11:28:12	24	5888.0000	XLON	11502115000071330-E0ejhtxjzaX320190716
J.P. Morgan Securities plc	16-Jul-2019 11:30:45	12	5888.0000	XLON	11502115000071330-E0ejhtxjzclZ20190716
J.P. Morgan Securities plc	16-Jul-2019 11:30:45	84	5888.0000	XLON	01502015000071615-E0ejhtxjzclb20190716
J.P. Morgan Securities plc	16-Jul-2019 11:32:30	118	5892.0000	XLON	11502115000074653-E0ejhtxjzduN20190716
J.P. Morgan Securities plc	16-Jul-2019 11:32:30	2	5892.0000	XLON	01502015000074911-E0ejhtxjzduP20190716

J.P. Morgan Securities plc	16-Jul-2019 11:32:30	115	5892.0000	XLON	01502015000074911-E0ejhtxjzduR20190716
J.P. Morgan Securities plc	16-Jul-2019 11:32:30	84	5892.0000	XLON	11502115000074654-E0ejhtxjzduT20190716
J.P. Morgan Securities plc	16-Jul-2019 11:32:39	2	5896.0000	XLON	01502015000074994-E0ejhtxje6w20190716
J.P. Morgan Securities plc	16-Jul-2019 11:32:39	50	5896.0000	XLON	01502015000074994-E0ejhtxje6u20190716
J.P. Morgan Securities plc	16-Jul-2019 11:32:40	89	5896.0000	XLON	11502115000074744-E0ejhtxje7w20190716
J.P. Morgan Securities plc	16-Jul-2019 11:32:40	50	5896.0000	XLON	11502115000074744-E0ejhtxje7u20190716
J.P. Morgan Securities plc	16-Jul-2019 11:32:40	76	5896.0000	XLON	11502115000074744-E0ejhtxje7s20190716
J.P. Morgan Securities plc	16-Jul-2019 11:32:41	93	5896.0000	XLON	01502015000075007-E0ejhtxje9420190716
J.P. Morgan Securities plc	16-Jul-2019 11:32:41	132	5896.0000	XLON	01502015000075007-E0ejhtxje9820190716
J.P. Morgan Securities plc	16-Jul-2019 11:32:41	50	5896.0000	XLON	01502015000075007-E0ejhtxje9620190716
J.P. Morgan Securities plc	16-Jul-2019 11:33:01	101	5896.0000	XLON	01502015000075125-E0ejhtxjzecz20190716
J.P. Morgan Securities plc	16-Jul-2019 11:33:50	220	5894.0000	XLON	01502015000074984-E0ejhtxjzfZ520190716
J.P. Morgan Securities plc	16-Jul-2019 11:34:41	68	5894.0000	XLON	01502015000075638-E0ejhtxjzgCe20190716
J.P. Morgan Securities plc	16-Jul-2019 11:34:41	75	5894.0000	XLON	01502015000075638-E0ejhtxjzgCc20190716
J.P. Morgan Securities plc	16-Jul-2019 11:36:01	63	5894.0000	XLON	01502015000076276-E0ejhtxjzhMx20190716
J.P. Morgan Securities plc	16-Jul-2019 11:36:01	55	5894.0000	XLON	01502015000076276-E0ejhtxjzhMz20190716
J.P. Morgan Securities plc	16-Jul-2019 11:36:01	46	5894.0000	XLON	01502015000076276-E0ejhtxjzhN120190716
J.P. Morgan Securities plc	16-Jul-2019 11:37:41	117	5894.0000	XLON	01502015000076818-E0ejhtxjzimV20190716
J.P. Morgan Securities plc	16-Jul-2019 11:37:41	32	5894.0000	XLON	01502015000076818-E0ejhtxjzimX20190716
J.P. Morgan Securities plc	16-Jul-2019 11:42:15	125	5894.0000	XLON	01502015000078786-E0ejhtxjznKR20190716
J.P. Morgan Securities plc	16-Jul-2019 11:42:15	80	5894.0000	XLON	01502015000078786-E0ejhtxjznK720190716
J.P. Morgan Securities plc	16-Jul-2019 11:42:15	50	5894.0000	XLON	01502015000078786-E0ejhtxjznJy20190716
J.P. Morgan Securities plc	16-Jul-2019 11:43:56	54	5896.0000	XLON	11502115000078968-E0ejhtxjzp3h20190716
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J.P. Morgan Securities plc	16-Jul-2019 11:43:56	50	5896.0000	XLON	11502115000078968-E0ejhtxjzp3d20190716
J.P. Morgan Securities plc	16-Jul-2019 11:45:36	30	5896.0000	XLON	01502015000079597-E0ejhtxjzr0D20190716
J.P. Morgan Securities plc	16-Jul-2019 11:45:36	120	5896.0000	XLON	01502015000079597-E0ejhtxjzr0B20190716
J.P. Morgan Securities plc	16-Jul-2019 11:45:44	21	5894.0000	XLON	01502015000078786-E0ejhtxjzrGe20190716
J.P. Morgan Securities plc	16-Jul-2019 11:46:01	55	5894.0000	XLON	11502115000079470-E0ejhtxjzs7320190716
J.P. Morgan Securities plc	16-Jul-2019 11:46:01	55	5894.0000	XLON	11502115000079470-E0ejhtxjzs7520190716
J.P. Morgan Securities plc	16-Jul-2019 11:46:01	50	5894.0000	XLON	11502115000079470-E0ejhtxjzs7120190716
J.P. Morgan Securities plc	16-Jul-2019 11:47:59	30	5894.0000	XLON	11502115000080020-E0ejhtxjzuMn20190716
J.P. Morgan Securities plc	16-Jul-2019 11:49:07	100	5894.0000	XLON	01502015000080488-E0ejhtxjzvT920190716
J.P. Morgan Securities plc	16-Jul-2019 11:55:37	105	5896.0000	XLON	01502015000083004-E0ejhtxk03J220190716
J.P. Morgan Securities plc	16-Jul-2019 11:55:37	106	5896.0000	XLON	01502015000083005-E0ejhtxk03JJ20190716
J.P. Morgan Securities plc	16-Jul-2019 11:55:37	117	5896.0000	XLON	01502015000082713-E0ejhtxk03lw20190716
J.P. Morgan Securities plc	16-Jul-2019 11:55:37	12	5896.0000	XLON	11502115000082470-E0ejhtxk03ls20190716
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J.P. Morgan Securities plc	16-Jul-2019 11:55:37	89	5896.0000	XLON	11502115000082485-E0ejhtxk03lu20190716
J.P. Morgan Securities plc	16-Jul-2019 11:55:37	99	5896.0000	XLON	01502015000082681-E0ejhtxk03lq20190716
J.P. Morgan Securities plc	16-Jul-2019 11:55:37	21	5896.0000	XLON	11502115000082778-E0ejhtxk03JQ20190716
J.P. Morgan Securities plc	16-Jul-2019 11:55:37	2	5896.0000	XLON	11502115000082778-E0ejhtxk03JM20190716
J.P. Morgan Securities plc	16-Jul-2019 11:55:37	96	5896.0000	XLON	11502115000082774-E0ejhtxk03ly20190716
J.P. Morgan Securities plc	16-Jul-2019 11:55:37	3	5896.0000	XLON	11502115000082774-E0ejhtxk03J020190716
J.P. Morgan Securities plc	16-Jul-2019 11:58:54	130	5900.0000	XLON	11502115000083443-E0ejhtxk06Jt20190716
J.P. Morgan Securities plc	16-Jul-2019 11:59:21	127	5900.0000	XLON	11502115000083610-E0ejhtxk06nf20190716
J.P. Morgan Securities plc	16-Jul-2019 11:59:38	144	5898.0000	XLON	11502115000083439-E0ejhtxk07DI20190716
J.P. Morgan Securities plc	16-Jul-2019 12:02:34	126	5900.0000	XLON	01502015000085336-E0ejhtxk0D6k20190716
J.P. Morgan Securities plc	16-Jul-2019 12:03:21	188	5898.0000	XLON	11502115000084875-E0ejhtxk0EMQ20190716
J.P. Morgan Securities plc	16-Jul-2019 12:04:05	75	5898.0000	XLON	01502015000085747-E0ejhtxk0FZ120190716
J.P. Morgan Securities plc	16-Jul-2019 12:04:05	31	5898.0000	XLON	01502015000085747-E0ejhtxk0FZ320190716
J.P. Morgan Securities plc	16-Jul-2019 12:07:49	157	5898.0000	XLON	01502015000086466-E0ejhtxk0IzS20190716
J.P. Morgan Securities plc	16-Jul-2019 12:10:03	1	5898.0000	XLON	01502015000087125-E0ejhtxk0KQO20190716
J.P. Morgan Securities plc	16-Jul-2019 12:14:47	34	5902.0000	XLON	01502015000089007-E0ejhtxk0Oi420190716
J.P. Morgan Securities plc	16-Jul-2019 12:14:48	249	5902.0000	XLON	11502115000088763-E0ejhtxk0OjL20190716
J.P. Morgan Securities plc	16-Jul-2019 12:14:48	29	5902.0000	XLON	11502115000088763-E0ejhtxk0OjR20190716
J.P. Morgan Securities plc	16-Jul-2019 12:14:48	75	5902.0000	XLON	11502115000088763-E0ejhtxk0OjN20190716
J.P. Morgan Securities plc	16-Jul-2019 12:14:48	50	5902.0000	XLON	11502115000088763-E0ejhtxk0OjP20190716
J.P. Morgan Securities plc	16-Jul-2019 12:14:48	148	5902.0000	XLON	11502115000088763-E0ejhtxk0OjJ20190716
J.P. Morgan Securities plc	16-Jul-2019 12:15:21	145	5898.0000	XLON	11502115000087881-E0ejhtxk0P6T20190716
J.P. Morgan Securities plc	16-Jul-2019 12:15:21	121	5898.0000	XLON	11502115000087903-E0ejhtxk0P6V20190716
J.P. Morgan Securities plc	16-Jul-2019 12:16:28	17	5898.0000	XLON	01502015000089591-E0ejhtxk0Q7G20190716
J.P. Morgan Securities plc	16-Jul-2019 12:16:28	132	5898.0000	XLON	01502015000089591-E0ejhtxk0Q7E20190716
J.P. Morgan Securities plc	16-Jul-2019 12:17:41	99	5896.0000	XLON	01502015000089782-E0ejhtxk0R7r20190716
J.P. Morgan Securities plc	16-Jul-2019 12:18:56	23	5896.0000	XLON	01502015000090078-E0ejhtxk0RnQ20190716
J.P. Morgan Securities plc	16-Jul-2019 12:18:56	31	5896.0000	XLON	01502015000090078-E0ejhtxk0RnU20190716
J.P. Morgan Securities plc	16-Jul-2019 12:18:56	55	5896.0000	XLON	01502015000090078-E0ejhtxk0RnS20190716
J.P. Morgan Securities plc	16-Jul-2019 12:21:28	12	5900.0000	XLON	01502015000090542-E0ejhtxk0UFp20190716
J.P. Morgan Securities plc	16-Jul-2019 12:21:28	50	5900.0000	XLON	01502015000090542-E0ejhtxk0UFr20190716
J.P. Morgan Securities plc	16-Jul-2019 12:21:28	51	5900.0000	XLON	01502015000090542-E0ejhtxk0UFt20190716
J.P. Morgan Securities plc	16-Jul-2019 12:22:51	126	5900.0000	XLON	01502015000090897-E0ejhtxk0V7J20190716
J.P. Morgan Securities plc	16-Jul-2019 12:22:51	7	5900.0000	XLON	01502015000090897-E0ejhtxk0V7L20190716
J.P. Morgan Securities plc	16-Jul-2019 12:29:44	75	5908.0000	XLON	11502115000092618-E0ejhtxk0d0O20190716
J.P. Morgan Securities plc	16-Jul-2019 12:29:44	50	5908.0000	XLON	11502115000092618-E0ejhtxk0d0Q20190716
J.P. Morgan Securities plc	16-Jul-2019 12:29:44	50	5908.0000	XLON	11502115000092618-E0ejhtxk0d0M20190716
J.P. Morgan Securities plc	16-Jul-2019 12:29:44	144	5908.0000	XLON	11502115000092618-E0ejhtxk0d0K20190716
J.P. Morgan Securities plc	16-Jul-2019 12:29:45	103	5908.0000	XLON	01502015000092868-E0ejhtxk0d9a20190716
J.P. Morgan Securities plc	16-Jul-2019 12:29:54	161	5906.0000	XLON	01502015000092727-E0ejhtxk0dVW20190716
J.P. Morgan Securities plc	16-Jul-2019 12:29:54	74	5906.0000	XLON	01502015000092727-E0ejhtxk0dVU20190716

J.P. Morgan Securities plc	16-Jul-2019 12:29:54	108	5906.0000	XLON	01502015000092713-E0ejhtxk0dVQ20190716
J.P. Morgan Securities plc	16-Jul-2019 12:32:40	21	5902.0000	XLON	11502115000093202-E0ejhtxk0htG20190716
J.P. Morgan Securities plc	16-Jul-2019 12:32:40	50	5902.0000	XLON	01502015000093260-E0ejhtxk0htA20190716
J.P. Morgan Securities plc	16-Jul-2019 12:32:40	8	5902.0000	XLON	11502115000093300-E0ejhtxk0htI20190716
J.P. Morgan Securities plc	16-Jul-2019 12:32:40	9	5902.0000	XLON	11502115000093433-E0ejhtxk0htK20190716
J.P. Morgan Securities plc	16-Jul-2019 12:32:40	137	5902.0000	XLON	11502115000093109-E0ejhtxk0htC20190716
J.P. Morgan Securities plc	16-Jul-2019 12:32:40	76	5902.0000	XLON	01502015000093260-E0ejhtxk0ht820190716
J.P. Morgan Securities plc	16-Jul-2019 12:34:14	130	5900.0000	XLON	01502015000094064-E0ejhtxk0jZ420190716
J.P. Morgan Securities plc	16-Jul-2019 12:34:14	9	5900.0000	XLON	01502015000094064-E0ejhtxk0jZ620190716
J.P. Morgan Securities plc	16-Jul-2019 12:34:54	178	5898.0000	XLON	01502015000094023-E0ejhtxk0kbf20190716
J.P. Morgan Securities plc	16-Jul-2019 12:35:54	75	5898.0000	XLON	01502015000094338-E0ejhtxk0kvw20190716
J.P. Morgan Securities plc	16-Jul-2019 12:37:34	109	5898.0000	XLON	11502115000094328-E0ejhtxk0m1Z20190716
J.P. Morgan Securities plc	16-Jul-2019 12:42:39	151	5900.0000	XLON	01502015000095678-E0ejhtxk0qb620190716
J.P. Morgan Securities plc	16-Jul-2019 12:42:39	66	5900.0000	XLON	01502015000095678-E0ejhtxk0qb220190716
J.P. Morgan Securities plc	16-Jul-2019 12:43:56	82	5900.0000	XLON	01502015000095954-E0ejhtxk0ryy20190716
J.P. Morgan Securities plc	16-Jul-2019 12:43:56	75	5900.0000	XLON	01502015000095954-E0ejhtxk0ryw20190716
J.P. Morgan Securities plc	16-Jul-2019 12:46:07	12	5898.0000	XLON	11502115000095064-E0ejhtxk0tWB20190716
J.P. Morgan Securities plc	16-Jul-2019 12:46:07	29	5898.0000	XLON	01502015000096289-E0ejhtxk0tWS20190716
J.P. Morgan Securities plc	16-Jul-2019 12:46:07	13	5898.0000	XLON	11502115000095163-E0ejhtxk0tWD20190716
J.P. Morgan Securities plc	16-Jul-2019 12:46:07	51	5898.0000	XLON	01502015000095602-E0ejhtxk0tWF20190716
J.P. Morgan Securities plc	16-Jul-2019 12:46:07	7	5898.0000	XLON	01502015000095602-E0ejhtxk0tWI20190716
J.P. Morgan Securities plc	16-Jul-2019 12:46:07	7	5898.0000	XLON	01502015000095060-E0ejhtxk0tW720190716
J.P. Morgan Securities plc	16-Jul-2019 12:46:07	92	5898.0000	XLON	01502015000095060-E0ejhtxk0tW520190716
J.P. Morgan Securities plc	16-Jul-2019 12:46:07	35	5898.0000	XLON	11502115000094838-E0ejhtxk0tW920190716
J.P. Morgan Securities plc	16-Jul-2019 12:46:07	173	5898.0000	XLON	11502115000095943-E0ejhtxk0tWQ20190716
J.P. Morgan Securities plc	16-Jul-2019 12:47:16	34	5898.0000	XLON	11502115000096162-E0ejhtxk0uFG20190716
J.P. Morgan Securities plc	16-Jul-2019 12:47:16	75	5898.0000	XLON	11502115000096162-E0ejhtxk0uFE20190716
J.P. Morgan Securities plc	16-Jul-2019 12:49:14	8	5898.0000	XLON	11502115000096479-E0ejhtxk0vy320190716
J.P. Morgan Securities plc	16-Jul-2019 12:49:14	129	5898.0000	XLON	11502115000096479-E0ejhtxk0vy120190716
J.P. Morgan Securities plc	16-Jul-2019 12:50:36	11	5902.0000	XLON	01502015000096973-E0ejhtxk0wgN20190716
J.P. Morgan Securities plc	16-Jul-2019 12:50:36	86	5902.0000	XLON	01502015000096973-E0ejhtxk0wgP20190716
J.P. Morgan Securities plc	16-Jul-2019 12:54:49	75	5906.0000	XLON	11502115000097591-E0ejhtxk0ziE20190716
J.P. Morgan Securities plc	16-Jul-2019 12:54:49	86	5906.0000	XLON	11502115000097591-E0ejhtxk0ziC20190716
J.P. Morgan Securities plc	16-Jul-2019 12:55:42	28	5904.0000	XLON	01502015000097823-E0ejhtxk10g320190716
J.P. Morgan Securities plc	16-Jul-2019 12:55:42	35	5904.0000	XLON	01502015000097819-E0ejhtxk10g120190716
J.P. Morgan Securities plc	16-Jul-2019 12:55:42	158	5904.0000	XLON	01502015000097792-E0ejhtxk10fv20190716
J.P. Morgan Securities plc	16-Jul-2019 12:55:42	1	5904.0000	XLON	11502115000097555-E0ejhtxk10fz20190716
J.P. Morgan Securities plc	16-Jul-2019 12:55:42	18	5904.0000	XLON	11502115000097543-E0ejhtxk10fx20190716
J.P. Morgan Securities plc	16-Jul-2019 12:56:47	101	5904.0000	XLON	11502115000098069-E0ejhtxk11d820190716
J.P. Morgan Securities plc	16-Jul-2019 12:56:47	75	5904.0000	XLON	11502115000098069-E0ejhtxk11d620190716
J.P. Morgan Securities plc	16-Jul-2019 12:57:40	146	5902.0000	XLON	01502015000098253-E0ejhtxk12GY20190716
J.P. Morgan Securities plc	16-Jul-2019 12:59:14	69	5902.0000	XLON	01502015000098749-E0ejhtxk133C20190716
J.P. Morgan Securities plc	16-Jul-2019 12:59:14	34	5902.0000	XLON	01502015000098749-E0ejhtxk133E20190716
J.P. Morgan Securities plc	16-Jul-2019 12:59:14	34	5902.0000	XLON	01502015000098749-E0ejhtxk133G20190716
J.P. Morgan Securities plc	16-Jul-2019 13:00:36	120	5902.0000	XLON	11502115000098874-E0ejhtxk14eM20190716
J.P. Morgan Securities plc	16-Jul-2019 13:00:36	11	5902.0000	XLON	11502115000098874-E0ejhtxk14eO20190716
J.P. Morgan Securities plc	16-Jul-2019 13:02:16	50	5902.0000	XLON	01502015000099582-E0ejhtxk15uB20190716
J.P. Morgan Securities plc	16-Jul-2019 13:03:56	163	5904.0000	XLON	11502115000099659-E0ejhtxk18Fd20190716
J.P. Morgan Securities plc	16-Jul-2019 13:05:29	137	5900.0000	XLON	11502115000098428-E0ejhtxk1ADa20190716
J.P. Morgan Securities plc	16-Jul-2019 13:05:36	100	5900.0000	XLON	11502115000100073-E0ejhtxk1AJw20190716
J.P. Morgan Securities plc	16-Jul-2019 13:05:36	40	5900.0000	XLON	11502115000100073-E0ejhtxk1AJy20190716
J.P. Morgan Securities plc	16-Jul-2019 13:07:46	72	5900.0000	XLON	11502115000100595-E0ejhtxk1Br820190716
J.P. Morgan Securities plc	16-Jul-2019 13:07:46	95	5900.0000	XLON	11502115000100595-E0ejhtxk1Br620190716
J.P. Morgan Securities plc	16-Jul-2019 13:08:56	50	5900.0000	XLON	11502115000100862-E0ejhtxk1Csk20190716
J.P. Morgan Securities plc	16-Jul-2019 13:08:56	115	5900.0000	XLON	11502115000100862-E0ejhtxk1Csm20190716
J.P. Morgan Securities plc	16-Jul-2019 13:10:04	49	5898.0000	XLON	11502115000099424-E0ejhtxk1Dzf20190716
J.P. Morgan Securities plc	16-Jul-2019 13:10:04	53	5898.0000	XLON	11502115000099424-E0ejhtxk1Dzd20190716
J.P. Morgan Securities plc	16-Jul-2019 13:16:04	36	5900.0000	XLON	11502115000102771-E0ejhtxk1J9q20190716
J.P. Morgan Securities plc	16-Jul-2019 13:16:04	68	5900.0000	XLON	11502115000102771-E0ejhtxk1J9o20190716
J.P. Morgan Securities plc	16-Jul-2019 13:16:04	75	5900.0000	XLON	11502115000102771-E0ejhtxk1J9m20190716
J.P. Morgan Securities plc	16-Jul-2019 13:16:04	117	5900.0000	XLON	11502115000102771-E0ejhtxk1J9i20190716
J.P. Morgan Securities plc	16-Jul-2019 13:16:04	13	5900.0000	XLON	11502115000102771-E0ejhtxk1J9k20190716
J.P. Morgan Securities plc	16-Jul-2019 13:17:16	168	5900.0000	XLON	11502115000103025-E0ejhtxk1KD520190716
J.P. Morgan Securities plc	16-Jul-2019 13:18:56	29	5900.0000	XLON	11502115000103479-E0ejhtxk1L9i20190716
J.P. Morgan Securities plc	16-Jul-2019 13:18:56	31	5900.0000	XLON	11502115000103479-E0ejhtxk1L9e20190716
J.P. Morgan Securities plc	16-Jul-2019 13:18:56	61	5900.0000	XLON	11502115000103479-E0ejhtxk1L9k20190716
J.P. Morgan Securities plc	16-Jul-2019 13:18:56	75	5900.0000	XLON	11502115000103479-E0ejhtxk1L9g20190716
J.P. Morgan Securities plc	16-Jul-2019 13:20:36	106	5900.0000	XLON	11502115000103831-E0ejhtxk1MgO20190716
J.P. Morgan Securities plc	16-Jul-2019 13:20:36	29	5900.0000	XLON	11502115000103831-E0ejhtxk1MgQ20190716
J.P. Morgan Securities plc	16-Jul-2019 13:20:36	52	5900.0000	XLON	11502115000103831-E0ejhtxk1MgS20190716
J.P. Morgan Securities plc	16-Jul-2019 13:22:16	67	5900.0000	XLON	01502015000104413-E0ejhtxk1OFp20190716
J.P. Morgan Securities plc	16-Jul-2019 13:22:16	10	5900.0000	XLON	01502015000104413-E0ejhtxk1OFn20190716
J.P. Morgan Securities plc	16-Jul-2019 13:22:16	11	5900.0000	XLON	01502015000104413-E0ejhtxk1OFt20190716
J.P. Morgan Securities plc	16-Jul-2019 13:22:16	121	5900.0000	XLON	01502015000104413-E0ejhtxk1OFr20190716
J.P. Morgan Securities plc	16-Jul-2019 13:22:29	208	5898.0000	XLON	11502115000104192-E0ejhtxk1OPM20190716
J.P. Morgan Securities plc	16-Jul-2019 13:23:56	69	5898.0000	XLON	11502115000104504-E0ejhtxk1POK20190716
J.P. Morgan Securities plc	16-Jul-2019 13:25:36	38	5898.0000	XLON	01502015000105158-E0ejhtxk1QtG20190716
J.P. Morgan Securities plc	16-Jul-2019 13:27:54	56	5898.0000	XLON	11502115000105285-E0ejhtxk1T2I20190716
J.P. Morgan Securities plc	16-Jul-2019 13:27:54	183	5898.0000	XLON	11502115000105167-E0ejhtxk1T2O20190716

J.P. Morgan Securities plc	16-Jul-2019 13:28:53	75	5898.0000	XLON	11502115000105285-E0ejhtxk1TrF20190716
J.P. Morgan Securities plc	16-Jul-2019 13:28:56	65	5898.0000	XLON	01502015000105722-E0ejhtxk1Tu420190716
J.P. Morgan Securities plc	16-Jul-2019 13:28:56	68	5898.0000	XLON	01502015000105722-E0ejhtxk1Tu220190716
J.P. Morgan Securities plc	16-Jul-2019 13:30:12	107	5902.0000	XLON	11502115000105878-E0ejhtxk1WYy20190716
J.P. Morgan Securities plc	16-Jul-2019 13:31:45	10	5900.0000	XLON	01502015000107182-E0ejhtxk1Yuw20190716
J.P. Morgan Securities plc	16-Jul-2019 13:31:45	89	5900.0000	XLON	01502015000107182-E0ejhtxk1Yuy20190716
J.P. Morgan Securities plc	16-Jul-2019 13:32:06	74	5898.0000	XLON	01502015000106722-E0ejhtxk1ZFu20190716
J.P. Morgan Securities plc	16-Jul-2019 13:32:06	25	5898.0000	XLON	01502015000106722-E0ejhtxk1ZHp20190716
J.P. Morgan Securities plc	16-Jul-2019 13:32:16	139	5898.0000	XLON	11502115000107073-E0ejhtxk1ZQz20190716
J.P. Morgan Securities plc	16-Jul-2019 13:38:38	143	5904.0000	XLON	11502115000108832-E0ejhtxk1fA720190716
J.P. Morgan Securities plc	16-Jul-2019 13:38:38	72	5904.0000	XLON	11502115000108832-E0ejhtxk1fA520190716
J.P. Morgan Securities plc	16-Jul-2019 13:38:40	209	5902.0000	XLON	11502115000108745-E0ejhtxk1fCZ20190716
J.P. Morgan Securities plc	16-Jul-2019 13:38:40	75	5902.0000	XLON	11502115000108753-E0ejhtxk1fCb20190716
J.P. Morgan Securities plc	16-Jul-2019 13:40:36	4	5900.0000	XLON	01502015000109741-E0ejhtxk1hEL20190716
J.P. Morgan Securities plc	16-Jul-2019 13:40:53	4	5900.0000	XLON	01502015000109781-E0ejhtxk1hRz20190716
J.P. Morgan Securities plc	16-Jul-2019 13:41:10	50	5900.0000	XLON	11502115000109600-E0ejhtxk1hhx20190716
J.P. Morgan Securities plc	16-Jul-2019 13:41:10	75	5900.0000	XLON	11502115000109600-E0ejhtxk1hhz20190716
J.P. Morgan Securities plc	16-Jul-2019 13:41:10	42	5900.0000	XLON	11502115000109600-E0ejhtxk1hi20190716
J.P. Morgan Securities plc	16-Jul-2019 13:41:58	4	5900.0000	XLON	11502115000109889-E0ejhtxk1ila20190716
J.P. Morgan Securities plc	16-Jul-2019 13:41:58	152	5900.0000	XLON	11502115000109889-E0ejhtxk1iilY20190716
J.P. Morgan Securities plc	16-Jul-2019 13:42:17	64	5900.0000	XLON	01502015000110257-E0ejhtxk1ifW20190716
J.P. Morgan Securities plc	16-Jul-2019 13:42:17	45	5900.0000	XLON	01502015000110257-E0ejhtxk1ifY20190716
J.P. Morgan Securities plc	16-Jul-2019 13:43:57	120	5900.0000	XLON	11502115000110284-E0ejhtxk1jcP20190716
J.P. Morgan Securities plc	16-Jul-2019 13:45:37	118	5900.0000	XLON	01502015000110949-E0ejhtxk1kxe20190716
J.P. Morgan Securities plc	16-Jul-2019 13:45:37	3	5900.0000	XLON	01502015000110949-E0ejhtxk1kxc20190716
J.P. Morgan Securities plc	16-Jul-2019 13:48:12	149	5900.0000	XLON	01502015000111700-E0ejhtxk1nMu20190716
J.P. Morgan Securities plc	16-Jul-2019 13:48:31	37	5900.0000	XLON	01502015000111700-E0ejhtxk1ncZ20190716
J.P. Morgan Securities plc	16-Jul-2019 13:50:24	2	5902.0000	XLON	01502015000112318-E0ejhtxk1pVs20190716
J.P. Morgan Securities plc	16-Jul-2019 13:50:24	44	5902.0000	XLON	01502015000112318-E0ejhtxk1pVm20190716
J.P. Morgan Securities plc	16-Jul-2019 13:50:24	50	5902.0000	XLON	01502015000112318-E0ejhtxk1pVq20190716
J.P. Morgan Securities plc	16-Jul-2019 13:50:24	104	5902.0000	XLON	01502015000112318-E0ejhtxk1pVo20190716
J.P. Morgan Securities plc	16-Jul-2019 13:50:26	21	5900.0000	XLON	01502015000112272-E0ejhtxk1pYK20190716
J.P. Morgan Securities plc	16-Jul-2019 13:50:26	112	5900.0000	XLON	01502015000112272-E0ejhtxk1pYM20190716
J.P. Morgan Securities plc	16-Jul-2019 13:50:41	75	5900.0000	XLON	11502115000112085-E0ejhtxk1psD20190716
J.P. Morgan Securities plc	16-Jul-2019 13:50:41	49	5900.0000	XLON	11502115000112085-E0ejhtxk1psF20190716
J.P. Morgan Securities plc	16-Jul-2019 13:51:28	155	5898.0000	XLON	01502015000112349-E0ejhtxk1qeS20190716
J.P. Morgan Securities plc	16-Jul-2019 13:52:35	4	5896.0000	XLON	11502115000112666-E0ejhtxk1ri020190716
J.P. Morgan Securities plc	16-Jul-2019 13:52:35	75	5896.0000	XLON	11502115000112666-E0ejhtxk1rhy20190716
J.P. Morgan Securities plc	16-Jul-2019 13:52:35	40	5896.0000	XLON	11502115000112666-E0ejhtxk1ri220190716
J.P. Morgan Securities plc	16-Jul-2019 13:53:11	99	5894.0000	XLON	11502115000112508-E0ejhtxk1sHX20190716
J.P. Morgan Securities plc	16-Jul-2019 13:55:20	27	5896.0000	XLON	11502115000113734-E0ejhtxk1uft20190716
J.P. Morgan Securities plc	16-Jul-2019 13:55:20	52	5896.0000	XLON	11502115000113734-E0ejhtxk1ufp20190716
J.P. Morgan Securities plc	16-Jul-2019 13:55:20	21	5896.0000	XLON	11502115000113734-E0ejhtxk1ufr20190716
J.P. Morgan Securities plc	16-Jul-2019 13:55:37	58	5896.0000	XLON	01502015000114051-E0ejhtxk1urA20190716
J.P. Morgan Securities plc	16-Jul-2019 13:55:37	71	5896.0000	XLON	01502015000114051-E0ejhtxk1ur820190716
J.P. Morgan Securities plc	16-Jul-2019 13:57:17	123	5896.0000	XLON	11502115000114405-E0ejhtxk1wN620190716
J.P. Morgan Securities plc	16-Jul-2019 13:57:17	30	5896.0000	XLON	11502115000114405-E0ejhtxk1wN820190716
J.P. Morgan Securities plc	16-Jul-2019 14:00:29	129	5898.0000	XLON	11502115000114955-E0ejhtxk1z9Z20190716
J.P. Morgan Securities plc	16-Jul-2019 14:00:29	117	5898.0000	XLON	11502115000115136-E0ejhtxk1z9d20190716
J.P. Morgan Securities plc	16-Jul-2019 14:00:29	35	5898.0000	XLON	01502015000115570-E0ejhtxk1z9f20190716
J.P. Morgan Securities plc	16-Jul-2019 14:00:37	75	5898.0000	XLON	11502115000115484-E0ejhtxk1zUq20190716
J.P. Morgan Securities plc	16-Jul-2019 14:00:37	5	5898.0000	XLON	11502115000115484-E0ejhtxk1zUs20190716
J.P. Morgan Securities plc	16-Jul-2019 14:00:37	50	5898.0000	XLON	11502115000115484-E0ejhtxk1zUo20190716
J.P. Morgan Securities plc	16-Jul-2019 14:01:06	140	5896.0000	XLON	01502015000115756-E0ejhtxk20Ch20190716
J.P. Morgan Securities plc	16-Jul-2019 14:02:17	74	5894.0000	XLON	11502115000116154-E0ejhtxk23En20190716
J.P. Morgan Securities plc	16-Jul-2019 14:02:17	75	5894.0000	XLON	11502115000116154-E0ejhtxk23El20190716
J.P. Morgan Securities plc	16-Jul-2019 14:03:57	26	5894.0000	XLON	11502115000116692-E0ejhtxk257k20190716
J.P. Morgan Securities plc	16-Jul-2019 14:03:57	62	5894.0000	XLON	11502115000116692-E0ejhtxk257i20190716
J.P. Morgan Securities plc	16-Jul-2019 14:03:57	11	5894.0000	XLON	11502115000116692-E0ejhtxk257m20190716
J.P. Morgan Securities plc	16-Jul-2019 14:05:37	108	5894.0000	XLON	11502115000117369-E0ejhtxk26gE20190716
J.P. Morgan Securities plc	16-Jul-2019 14:05:37	8	5894.0000	XLON	11502115000117369-E0ejhtxk26gG20190716
J.P. Morgan Securities plc	16-Jul-2019 14:09:15	30	5896.0000	XLON	11502115000118422-E0ejhtxk29Wq20190716
J.P. Morgan Securities plc	16-Jul-2019 14:09:15	5	5896.0000	XLON	11502115000118422-E0ejhtxk29Wo20190716
J.P. Morgan Securities plc	16-Jul-2019 14:09:15	51	5896.0000	XLON	11502115000118422-E0ejhtxk29Wi20190716
J.P. Morgan Securities plc	16-Jul-2019 14:09:15	87	5896.0000	XLON	11502115000118422-E0ejhtxk29Wk20190716
J.P. Morgan Securities plc	16-Jul-2019 14:09:15	39	5896.0000	XLON	11502115000118422-E0ejhtxk29Wg20190716
J.P. Morgan Securities plc	16-Jul-2019 14:09:15	49	5896.0000	XLON	11502115000118422-E0ejhtxk29Wm20190716
J.P. Morgan Securities plc	16-Jul-2019 14:10:05	119	5892.0000	XLON	01502015000116422-E0ejhtxk2A8h20190716
J.P. Morgan Securities plc	16-Jul-2019 14:10:05	200	5894.0000	XLON	01502015000118206-E0ejhtxk2A8F20190716
J.P. Morgan Securities plc	16-Jul-2019 14:10:55	99	5886.0000	XLON	01502015000118965-E0ejhtxk2AuH20190716
J.P. Morgan Securities plc	16-Jul-2019 14:11:11	44	5888.0000	XLON	11502115000118694-E0ejhtxk2B4320190716
J.P. Morgan Securities plc	16-Jul-2019 14:15:36	36	5894.0000	XLON	01502015000119957-E0ejhtxk2FOV20190716
J.P. Morgan Securities plc	16-Jul-2019 14:15:36	51	5894.0000	XLON	01502015000119957-E0ejhtxk2FOT20190716
J.P. Morgan Securities plc	16-Jul-2019 14:15:57	75	5894.0000	XLON	11502115000119780-E0ejhtxk2FjL20190716
J.P. Morgan Securities plc	16-Jul-2019 14:15:57	50	5894.0000	XLON	11502115000119780-E0ejhtxk2FjN20190716
J.P. Morgan Securities plc	16-Jul-2019 14:16:57	118	5894.0000	XLON	11502115000119909-E0ejhtxk2GXC20190716
J.P. Morgan Securities plc	16-Jul-2019 14:16:57	45	5894.0000	XLON	11502115000119909-E0ejhtxk2GXE20190716
J.P. Morgan Securities plc	16-Jul-2019 14:17:11	84	5892.0000	XLON	11502115000119673-E0ejhtxk2GrM20190716
J.P. Morgan Securities plc	16-Jul-2019 14:17:11	2	5892.0000	XLON	11502115000119669-E0ejhtxk2GrK20190716

J.P. Morgan Securities plc	16-Jul-2019 15:38:43	75	5906.0000	XLON	11502115000146361-E0ejhtxk4CeM20190716
J.P. Morgan Securities plc	16-Jul-2019 15:38:43	3	5906.0000	XLON	11502115000146361-E0ejhtxk4CeQ20190716
J.P. Morgan Securities plc	16-Jul-2019 15:38:43	11	5906.0000	XLON	11502115000146361-E0ejhtxk4CeI20190716
J.P. Morgan Securities plc	16-Jul-2019 15:38:43	16	5906.0000	XLON	11502115000146361-E0ejhtxk4CeO20190716
J.P. Morgan Securities plc	16-Jul-2019 15:39:18	223	5904.0000	XLON	11502115000145999-E0ejhtxk4Dai20190716
J.P. Morgan Securities plc	16-Jul-2019 15:40:23	126	5906.0000	XLON	11502115000146843-E0ejhtxk4FZb20190716
J.P. Morgan Securities plc	16-Jul-2019 15:40:23	122	5906.0000	XLON	11502115000146843-E0ejhtxk4FZX20190716
J.P. Morgan Securities plc	16-Jul-2019 15:40:23	2	5906.0000	XLON	11502115000146843-E0ejhtxk4FZZ20190716
J.P. Morgan Securities plc	16-Jul-2019 15:41:56	15	5906.0000	XLON	11502115000147168-E0ejhtxk4HsN20190716
J.P. Morgan Securities plc	16-Jul-2019 15:41:56	28	5906.0000	XLON	11502115000147168-E0ejhtxk4HsL20190716
J.P. Morgan Securities plc	16-Jul-2019 15:42:10	1	5906.0000	XLON	01502015000147555-E0ejhtxk4ICZ20190716
J.P. Morgan Securities plc	16-Jul-2019 15:42:10	123	5906.0000	XLON	01502015000147555-E0ejhtxk4ICX20190716
J.P. Morgan Securities plc	16-Jul-2019 15:42:34	224	5904.0000	XLON	01502015000147510-E0ejhtxk4IoG20190716
J.P. Morgan Securities plc	16-Jul-2019 15:43:59	22	5904.0000	XLON	11502115000147807-E0ejhtxk4L5820190716
J.P. Morgan Securities plc	16-Jul-2019 15:43:59	111	5904.0000	XLON	11502115000147807-E0ejhtxk4L5620190716
J.P. Morgan Securities plc	16-Jul-2019 15:44:41	27	5904.0000	XLON	01502015000148322-E0ejhtxk4Lnt20190716
J.P. Morgan Securities plc	16-Jul-2019 15:44:41	109	5904.0000	XLON	01502015000148322-E0ejhtxk4Lnr20190716
J.P. Morgan Securities plc	16-Jul-2019 15:44:41	7	5904.0000	XLON	01502015000148322-E0ejhtxk4Lnv20190716
J.P. Morgan Securities plc	16-Jul-2019 15:45:05	75	5902.0000	XLON	01502015000147592-E0ejhtxk4MN020190716
J.P. Morgan Securities plc	16-Jul-2019 15:45:05	151	5902.0000	XLON	01502015000147592-E0ejhtxk4MMY20190716
J.P. Morgan Securities plc	16-Jul-2019 15:46:36	72	5902.0000	XLON	11502115000148682-E0ejhtxk4O2520190716
J.P. Morgan Securities plc	16-Jul-2019 15:46:36	72	5902.0000	XLON	11502115000148682-E0ejhtxk4O2320190716
J.P. Morgan Securities plc	16-Jul-2019 15:47:17	108	5902.0000	XLON	11502115000148964-E0ejhtxk4P9n20190716
J.P. Morgan Securities plc	16-Jul-2019 15:47:17	261	5902.0000	XLON	11502115000148964-E0ejhtxk4P9I20190716
J.P. Morgan Securities plc	16-Jul-2019 15:49:35	15	5906.0000	XLON	11502115000150083-E0ejhtxk4SmC20190716
J.P. Morgan Securities plc	16-Jul-2019 15:49:35	113	5906.0000	XLON	11502115000150083-E0ejhtxk4Sm820190716
J.P. Morgan Securities plc	16-Jul-2019 15:49:35	125	5906.0000	XLON	11502115000150083-E0ejhtxk4SmA20190716
J.P. Morgan Securities plc	16-Jul-2019 15:49:35	7	5906.0000	XLON	11502115000150083-E0ejhtxk4SmE20190716
J.P. Morgan Securities plc	16-Jul-2019 15:50:36	75	5906.0000	XLON	01502015000150728-E0ejhtxk4UUu20190716
J.P. Morgan Securities plc	16-Jul-2019 15:50:36	4	5906.0000	XLON	01502015000150728-E0ejhtxk4UUs20190716
J.P. Morgan Securities plc	16-Jul-2019 15:50:36	27	5906.0000	XLON	01502015000150728-E0ejhtxk4UUw20190716
J.P. Morgan Securities plc	16-Jul-2019 15:50:36	40	5906.0000	XLON	01502015000150728-E0ejhtxk4UUy20190716
J.P. Morgan Securities plc	16-Jul-2019 15:51:20	53	5906.0000	XLON	11502115000150510-E0ejhtxk4VfC20190716
J.P. Morgan Securities plc	16-Jul-2019 15:51:20	68	5906.0000	XLON	11502115000150510-E0ejhtxk4VfA20190716
J.P. Morgan Securities plc	16-Jul-2019 15:52:17	258	5906.0000	XLON	01502015000150981-E0ejhtxk4X7g20190716
J.P. Morgan Securities plc	16-Jul-2019 15:52:17	24	5906.0000	XLON	01502015000150975-E0ejhtxk4X7e20190716
J.P. Morgan Securities plc	16-Jul-2019 15:52:17	144	5906.0000	XLON	01502015000150975-E0ejhtxk4X7c20190716
J.P. Morgan Securities plc	16-Jul-2019 15:53:03	149	5902.0000	XLON	01502015000150997-E0ejhtxk4Y3020190716
J.P. Morgan Securities plc	16-Jul-2019 15:54:02	262	5900.0000	XLON	11502115000150859-E0ejhtxk4ZLS20190716
J.P. Morgan Securities plc	16-Jul-2019 15:55:37	50	5902.0000	XLON	01502015000151472-E0ejhtxk4cMB20190716
J.P. Morgan Securities plc	16-Jul-2019 15:55:37	4	5902.0000	XLON	01502015000151472-E0ejhtxk4cM720190716
J.P. Morgan Securities plc	16-Jul-2019 15:55:37	69	5902.0000	XLON	01502015000151472-E0ejhtxk4cMD20190716
J.P. Morgan Securities plc	16-Jul-2019 15:55:37	75	5902.0000	XLON	01502015000151472-E0ejhtxk4cM920190716
J.P. Morgan Securities plc	16-Jul-2019 15:56:32	283	5904.0000	XLON	01502015000151505-E0ejhtxk4eOO20190716
J.P. Morgan Securities plc	16-Jul-2019 15:58:18	31	5906.0000	XLON	01502015000151954-E0ejhtxk4h1A20190716
J.P. Morgan Securities plc	16-Jul-2019 15:58:18	50	5906.0000	XLON	01502015000151954-E0ejhtxk4h1820190716
J.P. Morgan Securities plc	16-Jul-2019 15:58:35	136	5906.0000	XLON	11502115000151681-E0ejhtxk4hJx20190716
J.P. Morgan Securities plc	16-Jul-2019 15:58:57	41	5906.0000	XLON	01502015000152052-E0ejhtxk4hne20190716
J.P. Morgan Securities plc	16-Jul-2019 15:58:57	3	5906.0000	XLON	01502015000152052-E0ejhtxk4hnc20190716
J.P. Morgan Securities plc	16-Jul-2019 15:58:57	6	5906.0000	XLON	01502015000152052-E0ejhtxk4hna20190716
J.P. Morgan Securities plc	16-Jul-2019 15:59:58	180	5906.0000	XLON	11502115000151764-E0ejhtxk4jNe20190716
J.P. Morgan Securities plc	16-Jul-2019 15:59:58	138	5906.0000	XLON	11502115000151956-E0ejhtxk4jO620190716
J.P. Morgan Securities plc	16-Jul-2019 15:59:58	72	5906.0000	XLON	01502015000152215-E0ejhtxk4jNm20190716
J.P. Morgan Securities plc	16-Jul-2019 16:01:48	14	5904.0000	XLON	01502015000152569-E0ejhtxk4nLv20190716
J.P. Morgan Securities plc	16-Jul-2019 16:01:48	117	5904.0000	XLON	01502015000152569-E0ejhtxk4nLx20190716
J.P. Morgan Securities plc	16-Jul-2019 16:02:26	94	5904.0000	XLON	01502015000152665-E0ejhtxk4oKF20190716
J.P. Morgan Securities plc	16-Jul-2019 16:02:26	55	5904.0000	XLON	01502015000152665-E0ejhtxk4oKD20190716
J.P. Morgan Securities plc	16-Jul-2019 16:02:26	3	5904.0000	XLON	01502015000152665-E0ejhtxk4oKB20190716
J.P. Morgan Securities plc	16-Jul-2019 16:03:11	30	5904.0000	XLON	11502115000152521-E0ejhtxk4p8G20190716
J.P. Morgan Securities plc	16-Jul-2019 16:03:11	102	5904.0000	XLON	11502115000152521-E0ejhtxk4p8I20190716
J.P. Morgan Securities plc	16-Jul-2019 16:03:49	64	5904.0000	XLON	01502015000152914-E0ejhtxk4pwD20190716
J.P. Morgan Securities plc	16-Jul-2019 16:03:49	45	5904.0000	XLON	01502015000152914-E0ejhtxk4pwF20190716
J.P. Morgan Securities plc	16-Jul-2019 16:04:21	56	5904.0000	XLON	11502115000152676-E0ejhtxk4qbD20190716
J.P. Morgan Securities plc	16-Jul-2019 16:04:21	98	5904.0000	XLON	11502115000152676-E0ejhtxk4qbF20190716
J.P. Morgan Securities plc	16-Jul-2019 16:06:44	75	5906.0000	XLON	11502115000153149-E0ejhtxk4u3P20190716
J.P. Morgan Securities plc	16-Jul-2019 16:06:44	121	5906.0000	XLON	11502115000153149-E0ejhtxk4u3L20190716
J.P. Morgan Securities plc	16-Jul-2019 16:06:44	25	5906.0000	XLON	11502115000153149-E0ejhtxk4u3N20190716
J.P. Morgan Securities plc	16-Jul-2019 16:06:44	73	5906.0000	XLON	11502115000153149-E0ejhtxk4u3J20190716
J.P. Morgan Securities plc	16-Jul-2019 16:06:45	155	5906.0000	XLON	11502115000153153-E0ejhtxk4u4Q20190716
J.P. Morgan Securities plc	16-Jul-2019 16:07:14	106	5906.0000	XLON	11502115000153230-E0ejhtxk4uxw20190716
J.P. Morgan Securities plc	16-Jul-2019 16:07:45	29	5906.0000	XLON	01502015000153626-E0ejhtxk4var20190716
J.P. Morgan Securities plc	16-Jul-2019 16:07:45	3	5906.0000	XLON	01502015000153626-E0ejhtxk4vax20190716
J.P. Morgan Securities plc	16-Jul-2019 16:07:45	122	5906.0000	XLON	01502015000153626-E0ejhtxk4vat20190716
J.P. Morgan Securities plc	16-Jul-2019 16:07:45	10	5906.0000	XLON	01502015000153626-E0ejhtxk4vav20190716
J.P. Morgan Securities plc	16-Jul-2019 16:08:32	99	5906.0000	XLON	01502015000153707-E0ejhtxk4wji20190716
J.P. Morgan Securities plc	16-Jul-2019 16:08:32	12	5906.0000	XLON	01502015000153707-E0ejhtxk4wje20190716
J.P. Morgan Securities plc	16-Jul-2019 16:08:32	9	5906.0000	XLON	01502015000153707-E0ejhtxk4wjg20190716
J.P. Morgan Securities plc	16-Jul-2019 16:09:06	1	5906.0000	XLON	11502115000153442-E0ejhtxk4xQ120190716
J.P. Morgan Securities plc	16-Jul-2019 16:09:06	21	5906.0000	XLON	11502115000153442-E0ejhtxk4xPx20190716

J.P. Morgan Securities plc	16-Jul-2019 16:09:06	8	5906.0000	XLON	11502115000153442-E0ejhtxk4xPz20190716
J.P. Morgan Securities plc	16-Jul-2019 16:09:06	68	5906.0000	XLON	11502115000153442-E0ejhtxk4xQ320190716
J.P. Morgan Securities plc	16-Jul-2019 16:09:34	11	5906.0000	XLON	01502015000153830-E0ejhtxk4yA720190716
J.P. Morgan Securities plc	16-Jul-2019 16:09:34	119	5906.0000	XLON	01502015000153830-E0ejhtxk4yA520190716
J.P. Morgan Securities plc	16-Jul-2019 16:10:31	6	5908.0000	XLON	01502015000154003-E0ejhtxk4zWS20190716
J.P. Morgan Securities plc	16-Jul-2019 16:10:31	66	5908.0000	XLON	01502015000154003-E0ejhtxk4zWU20190716
J.P. Morgan Securities plc	16-Jul-2019 16:10:31	125	5908.0000	XLON	01502015000154003-E0ejhtxk4zWQ20190716
J.P. Morgan Securities plc	16-Jul-2019 16:11:31	14	5910.0000	XLON	01502015000154164-E0ejhtxk519W20190716
J.P. Morgan Securities plc	16-Jul-2019 16:11:31	18	5910.0000	XLON	01502015000154164-E0ejhtxk519S20190716
J.P. Morgan Securities plc	16-Jul-2019 16:11:31	183	5910.0000	XLON	01502015000154164-E0ejhtxk519U20190716
J.P. Morgan Securities plc	16-Jul-2019 16:12:07	130	5910.0000	XLON	11502115000153930-E0ejhtxk51mP20190716
J.P. Morgan Securities plc	16-Jul-2019 16:12:35	7	5910.0000	XLON	01502015000154280-E0ejhtxk52iE20190716
J.P. Morgan Securities plc	16-Jul-2019 16:12:35	75	5910.0000	XLON	01502015000154280-E0ejhtxk52iG20190716
J.P. Morgan Securities plc	16-Jul-2019 16:12:35	93	5910.0000	XLON	01502015000154280-E0ejhtxk52iC20190716
J.P. Morgan Securities plc	16-Jul-2019 16:12:35	75	5910.0000	XLON	01502015000154280-E0ejhtxk52iI20190716
J.P. Morgan Securities plc	16-Jul-2019 16:13:53	108	5910.0000	XLON	11502115000154145-E0ejhtxk54Wb20190716
J.P. Morgan Securities plc	16-Jul-2019 16:14:23	6	5910.0000	XLON	01502015000154501-E0ejhtxk553B20190716
J.P. Morgan Securities plc	16-Jul-2019 16:14:23	147	5910.0000	XLON	01502015000154501-E0ejhtxk553920190716
J.P. Morgan Securities plc	16-Jul-2019 16:14:23	6	5910.0000	XLON	01502015000154501-E0ejhtxk553720190716
J.P. Morgan Securities plc	16-Jul-2019 16:15:07	122	5910.0000	XLON	01502015000154608-E0ejhtxk56DJ20190716
J.P. Morgan Securities plc	16-Jul-2019 16:15:07	15	5910.0000	XLON	01502015000154608-E0ejhtxk56DH20190716
J.P. Morgan Securities plc	16-Jul-2019 16:17:38	146	5912.0000	XLON	01502015000155107-E0ejhtxk59aj20190716
J.P. Morgan Securities plc	16-Jul-2019 16:17:38	75	5912.0000	XLON	01502015000155107-E0ejhtxk59ah20190716
J.P. Morgan Securities plc	16-Jul-2019 16:17:38	119	5912.0000	XLON	01502015000155107-E0ejhtxk59ad20190716
J.P. Morgan Securities plc	16-Jul-2019 16:17:38	145	5912.0000	XLON	01502015000155107-E0ejhtxk59al20190716
J.P. Morgan Securities plc	16-Jul-2019 16:17:38	36	5912.0000	XLON	01502015000155107-E0ejhtxk59af20190716
J.P. Morgan Securities plc	16-Jul-2019 16:18:10	117	5910.0000	XLON	11502115000154871-E0ejhtxk5AIE20190716
J.P. Morgan Securities plc	16-Jul-2019 16:18:10	26	5910.0000	XLON	11502115000154872-E0ejhtxk5AIG20190716
J.P. Morgan Securities plc	16-Jul-2019 16:18:10	30	5910.0000	XLON	01502015000155193-E0ejhtxk5AIA20190716
J.P. Morgan Securities plc	16-Jul-2019 16:18:10	182	5910.0000	XLON	01502015000155193-E0ejhtxk5AIC20190716
J.P. Morgan Securities plc	16-Jul-2019 16:19:46	43	5910.0000	XLON	11502115000155181-E0ejhtxk5DNW20190716
J.P. Morgan Securities plc	16-Jul-2019 16:19:46	104	5910.0000	XLON	11502115000155181-E0ejhtxk5DNY20190716
J.P. Morgan Securities plc	16-Jul-2019 16:20:26	100	5910.0000	XLON	01502015000155603-E0ejhtxk5EnS20190716
J.P. Morgan Securities plc	16-Jul-2019 16:20:26	47	5910.0000	XLON	01502015000155603-E0ejhtxk5EnU20190716
J.P. Morgan Securities plc	16-Jul-2019 16:21:06	90	5910.0000	XLON	01502015000155725-E0ejhtxk5Fip20190716
J.P. Morgan Securities plc	16-Jul-2019 16:21:06	15	5910.0000	XLON	01502015000155725-E0ejhtxk5Fir20190716
J.P. Morgan Securities plc	16-Jul-2019 16:21:34	135	5910.0000	XLON	01502015000155939-E0ejhtxk5GV620190716
J.P. Morgan Securities plc	16-Jul-2019 16:22:11	57	5910.0000	XLON	01502015000156025-E0ejhtxk5HO320190716
J.P. Morgan Securities plc	16-Jul-2019 16:22:11	69	5910.0000	XLON	01502015000156025-E0ejhtxk5HO120190716
J.P. Morgan Securities plc	16-Jul-2019 16:22:17	15	5910.0000	XLON	11502115000155760-E0ejhtxk5HYk20190716
J.P. Morgan Securities plc	16-Jul-2019 16:22:17	108	5910.0000	XLON	11502115000155760-E0ejhtxk5HYm20190716
J.P. Morgan Securities plc	16-Jul-2019 16:22:17	75	5910.0000	XLON	11502115000155760-E0ejhtxk5HYi20190716
J.P. Morgan Securities plc	16-Jul-2019 16:23:45	33	5912.0000	XLON	01502015000156325-E0ejhtxk5KJY20190716
J.P. Morgan Securities plc	16-Jul-2019 16:23:45	111	5912.0000	XLON	01502015000156325-E0ejhtxk5KJW20190716
J.P. Morgan Securities plc	16-Jul-2019 16:24:17	130	5914.0000	XLON	01502015000156464-E0ejhtxk5L4k20190716
J.P. Morgan Securities plc	16-Jul-2019 16:24:52	34	5914.0000	XLON	01502015000156570-E0ejhtxk5LnC20190716
J.P. Morgan Securities plc	16-Jul-2019 16:24:52	58	5914.0000	XLON	01502015000156570-E0ejhtxk5LnG20190716
J.P. Morgan Securities plc	16-Jul-2019 16:24:52	66	5914.0000	XLON	01502015000156570-E0ejhtxk5LnE20190716
J.P. Morgan Securities plc	16-Jul-2019 16:24:55	131	5914.0000	XLON	01502015000156581-E0ejhtxk5LqX20190716