

Broker	Transaction Date and Time	Volume	Price (GBP)	Platform	Transaction Reference Number
J.P. Morgan Securities plc	30-Oct-2019 08:02:29	42	6496.0000	XLON	11503115000001734-E0fybTH594no20191030
J.P. Morgan Securities plc	30-Oct-2019 08:02:29	15	6498.0000	XLON	01503015000001721-E0fybTH594na20191030
J.P. Morgan Securities plc	30-Oct-2019 08:02:29	118	6498.0000	XLON	01503015000001721-E0fybTH594ne20191030
J.P. Morgan Securities plc	30-Oct-2019 08:02:29	80	6496.0000	XLON	11503115000001734-E0fybTH594nl20191030
J.P. Morgan Securities plc	30-Oct-2019 08:03:10	197	6488.0000	XLON	01503015000002389-E0fybTH595gJ20191030
J.P. Morgan Securities plc	30-Oct-2019 08:03:10	83	6488.0000	XLON	11503115000002303-E0fybTH595gH20191030
J.P. Morgan Securities plc	30-Oct-2019 08:03:10	102	6488.0000	XLON	11503115000002262-E0fybTH595gB20191030
J.P. Morgan Securities plc	30-Oct-2019 08:03:10	19	6488.0000	XLON	11503115000002303-E0fybTH595gF20191030
J.P. Morgan Securities plc	30-Oct-2019 08:05:39	13	6484.0000	XLON	11503115000002567-E0fybTH59Aqz20191030
J.P. Morgan Securities plc	30-Oct-2019 08:05:39	17	6484.0000	XLON	11503115000002567-E0fybTH59Ar120191030
J.P. Morgan Securities plc	30-Oct-2019 08:05:41	28	6484.0000	XLON	11503115000002567-E0fybTH59Ayz20191030
J.P. Morgan Securities plc	30-Oct-2019 08:08:27	34	6488.0000	XLON	01503015000003888-E0fybTH59JF20191030
J.P. Morgan Securities plc	30-Oct-2019 08:08:27	200	6488.0000	XLON	01503015000003888-E0fybTH59JJD20191030
J.P. Morgan Securities plc	30-Oct-2019 08:09:32	67	6488.0000	XLON	01503015000004092-E0fybTH59K7a20191030
J.P. Morgan Securities plc	30-Oct-2019 08:09:32	218	6488.0000	XLON	01503015000004092-E0fybTH59K7e20191030
J.P. Morgan Securities plc	30-Oct-2019 08:09:32	30	6488.0000	XLON	01503015000004092-E0fybTH59K7c20191030
J.P. Morgan Securities plc	30-Oct-2019 08:11:17	45	6474.0000	XLON	01503015000004432-E0fybTH59Npr20191030
J.P. Morgan Securities plc	30-Oct-2019 08:11:17	141	6480.0000	XLON	01503015000003969-E0fybTH59Nmj20191030
J.P. Morgan Securities plc	30-Oct-2019 08:14:44	57	6492.0000	XLON	11503115000004899-E0fybTH59UGn20191030
J.P. Morgan Securities plc	30-Oct-2019 08:16:12	31	6488.0000	XLON	11503115000005158-E0fybTH59XSP20191030
J.P. Morgan Securities plc	30-Oct-2019 08:18:17	232	6494.0000	XLON	01503015000005454-E0fybTH59b6L20191030
J.P. Morgan Securities plc	30-Oct-2019 08:20:08	94	6502.0000	XLON	01503015000005756-E0fybTH59dug20191030
J.P. Morgan Securities plc	30-Oct-2019 08:20:08	44	6502.0000	XLON	01503015000005755-E0fybTH59duT20191030
J.P. Morgan Securities plc	30-Oct-2019 08:20:08	52	6502.0000	XLON	11503115000005735-E0fybTH59duL20191030
J.P. Morgan Securities plc	30-Oct-2019 08:20:08	40	6502.0000	XLON	11503115000005736-E0fybTH59dub20191030
J.P. Morgan Securities plc	30-Oct-2019 08:22:00	49	6500.0000	XLON	11503115000006014-E0fybTH59gUz20191030
J.P. Morgan Securities plc	30-Oct-2019 08:22:00	86	6500.0000	XLON	11503115000006014-E0fybTH59gUv20191030
J.P. Morgan Securities plc	30-Oct-2019 08:22:00	21	6500.0000	XLON	11503115000006014-E0fybTH59gUt20191030
J.P. Morgan Securities plc	30-Oct-2019 08:22:00	75	6500.0000	XLON	11503115000006014-E0fybTH59gUx20191030
J.P. Morgan Securities plc	30-Oct-2019 08:23:40	120	6496.0000	XLON	01503015000006280-E0fybTH59iIN20191030
J.P. Morgan Securities plc	30-Oct-2019 08:23:40	75	6496.0000	XLON	01503015000006280-E0fybTH59iIP20191030
J.P. Morgan Securities plc	30-Oct-2019 08:23:40	51	6496.0000	XLON	01503015000006280-E0fybTH59iIR20191030
J.P. Morgan Securities plc	30-Oct-2019 08:23:40	36	6496.0000	XLON	01503015000006280-E0fybTH59iIT20191030
J.P. Morgan Securities plc	30-Oct-2019 08:25:39	125	6504.0000	XLON	11503115000006523-E0fybTH59ILE20191030
J.P. Morgan Securities plc	30-Oct-2019 08:25:39	131	6504.0000	XLON	01503015000006545-E0fybTH59ILC20191030
J.P. Morgan Securities plc	30-Oct-2019 08:26:12	67	6506.0000	XLON	11503115000006615-E0fybTH59mID20191030
J.P. Morgan Securities plc	30-Oct-2019 08:26:12	71	6506.0000	XLON	11503115000006615-E0fybTH59mIF20191030
J.P. Morgan Securities plc	30-Oct-2019 08:26:21	282	6502.0000	XLON	01503015000006517-E0fybTH59mU120191030
J.P. Morgan Securities plc	30-Oct-2019 08:28:30	195	6502.0000	XLON	11503115000006821-E0fybTH59q0820191030
J.P. Morgan Securities plc	30-Oct-2019 08:28:30	13	6502.0000	XLON	11503115000006821-E0fybTH59q0620191030
J.P. Morgan Securities plc	30-Oct-2019 08:28:30	50	6502.0000	XLON	01503015000007107-E0fybTH59q0G20191030
J.P. Morgan Securities plc	30-Oct-2019 08:28:30	4	6502.0000	XLON	11503115000007082-E0fybTH59q0I20191030
J.P. Morgan Securities plc	30-Oct-2019 08:28:30	50	6502.0000	XLON	11503115000007082-E0fybTH59q0K20191030
J.P. Morgan Securities plc	30-Oct-2019 08:28:30	67	6502.0000	XLON	11503115000007050-E0fybTH59q0E20191030
J.P. Morgan Securities plc	30-Oct-2019 08:31:37	24	6504.0000	XLON	11503115000007736-E0fybTH59urG20191030
J.P. Morgan Securities plc	30-Oct-2019 08:31:37	140	6504.0000	XLON	11503115000007736-E0fybTH59urC20191030
J.P. Morgan Securities plc	30-Oct-2019 08:31:37	65	6504.0000	XLON	11503115000007736-E0fybTH59urA20191030
J.P. Morgan Securities plc	30-Oct-2019 08:31:37	27	6504.0000	XLON	11503115000007736-E0fybTH59urE20191030
J.P. Morgan Securities plc	30-Oct-2019 08:32:27	92	6500.0000	XLON	11503115000007423-E0fybTH59wVk20191030
J.P. Morgan Securities plc	30-Oct-2019 08:32:27	54	6500.0000	XLON	01503015000007453-E0fybTH59wVi20191030
J.P. Morgan Securities plc	30-Oct-2019 08:32:30	126	6496.0000	XLON	11503115000007322-E0fybTH59waC20191030
J.P. Morgan Securities plc	30-Oct-2019 08:35:59	91	6498.0000	XLON	11503115000008449-E0fybTH5A1xl20191030
J.P. Morgan Securities plc	30-Oct-2019 08:35:59	73	6498.0000	XLON	11503115000008449-E0fybTH5A1xG20191030
J.P. Morgan Securities plc	30-Oct-2019 08:35:59	37	6498.0000	XLON	11503115000008449-E0fybTH5A1xE20191030
J.P. Morgan Securities plc	30-Oct-2019 08:40:44	35	6500.0000	XLON	11503115000009152-E0fybTH5AAMz20191030
J.P. Morgan Securities plc	30-Oct-2019 08:40:44	48	6500.0000	XLON	11503115000009152-E0fybTH5AAN120191030
J.P. Morgan Securities plc	30-Oct-2019 08:40:44	75	6500.0000	XLON	11503115000009152-E0fybTH5AAMx20191030
J.P. Morgan Securities plc	30-Oct-2019 08:40:47	69	6500.0000	XLON	01503015000009171-E0fybTH5AAT220191030
J.P. Morgan Securities plc	30-Oct-2019 08:43:13	43	6502.0000	XLON	01503015000009676-E0fybTH5ADCm20191030
J.P. Morgan Securities plc	30-Oct-2019 08:43:13	70	6502.0000	XLON	11503115000009653-E0fybTH5ADCh20191030
J.P. Morgan Securities plc	30-Oct-2019 08:43:13	48	6502.0000	XLON	01503015000009674-E0fybTH5ADCK20191030
J.P. Morgan Securities plc	30-Oct-2019 08:43:13	52	6502.0000	XLON	11503115000009650-E0fybTH5ADC120191030
J.P. Morgan Securities plc	30-Oct-2019 08:43:13	44	6502.0000	XLON	01503015000009675-E0fybTH5ADCb20191030
J.P. Morgan Securities plc	30-Oct-2019 08:43:13	44	6502.0000	XLON	11503115000009651-E0fybTH5ADCQ20191030
J.P. Morgan Securities plc	30-Oct-2019 08:45:06	224	6510.0000	XLON	01503015000009941-E0fybTH5AG5g20191030
J.P. Morgan Securities plc	30-Oct-2019 08:49:24	96	6508.0000	XLON	01503015000010362-E0fybTH5AKpk20191030
J.P. Morgan Securities plc	30-Oct-2019 08:49:24	88	6508.0000	XLON	11503115000010463-E0fybTH5AKpo20191030
J.P. Morgan Securities plc	30-Oct-2019 08:49:24	41	6508.0000	XLON	11503115000010375-E0fybTH5AKpm20191030
J.P. Morgan Securities plc	30-Oct-2019 08:49:24	20	6508.0000	XLON	01503015000010362-E0fybTH5AKpi20191030
J.P. Morgan Securities plc	30-Oct-2019 08:49:24	40	6508.0000	XLON	01503015000010349-E0fybTH5AKpg20191030
J.P. Morgan Securities plc	30-Oct-2019 08:49:24	40	6508.0000	XLON	01503015000010231-E0fybTH5AKpa20191030
J.P. Morgan Securities plc	30-Oct-2019 08:49:24	40	6508.0000	XLON	11503115000010310-E0fybTH5AKpe20191030
J.P. Morgan Securities plc	30-Oct-2019 08:49:24	40	6508.0000	XLON	11503115000010273-E0fybTH5AKpc20191030
J.P. Morgan Securities plc	30-Oct-2019 08:50:19	132	6504.0000	XLON	01503015000010587-E0fybTH5AMB920191030
J.P. Morgan Securities plc	30-Oct-2019 08:50:19	41	6504.0000	XLON	01503015000010587-E0fybTH5AMB320191030
J.P. Morgan Securities plc	30-Oct-2019 08:50:19	75	6504.0000	XLON	01503015000010587-E0fybTH5AMB520191030
J.P. Morgan Securities plc	30-Oct-2019 08:50:19	88	6504.0000	XLON	01503015000010587-E0fybTH5AMB720191030
J.P. Morgan Securities plc	30-Oct-2019 08:51:09	37	6500.0000	XLON	11503115000010594-E0fybTH5AN3q20191030

J.P. Morgan Securities plc	30-Oct-2019 08:51:09	128	6500.0000	XLON	11503115000010594-E0fybTH5AN3o20191030
J.P. Morgan Securities plc	30-Oct-2019 08:51:12	2	6500.0000	XLON	11503115000010687-E0fybTH5ANJc20191030
J.P. Morgan Securities plc	30-Oct-2019 08:51:12	35	6500.0000	XLON	11503115000010687-E0fybTH5ANJa20191030
J.P. Morgan Securities plc	30-Oct-2019 08:53:19	178	6512.0000	XLON	11503115000010928-E0fybTH5AQH820191030
J.P. Morgan Securities plc	30-Oct-2019 08:53:24	128	6510.0000	XLON	11503115000010900-E0fybTH5AQJW20191030
J.P. Morgan Securities plc	30-Oct-2019 08:55:07	9	6504.0000	XLON	11503115000011166-E0fybTH5ATNk20191030
J.P. Morgan Securities plc	30-Oct-2019 08:55:07	85	6504.0000	XLON	11503115000011166-E0fybTH5ATNn20191030
J.P. Morgan Securities plc	30-Oct-2019 08:55:07	141	6504.0000	XLON	11503115000011130-E0fybTH5ATNg20191030
J.P. Morgan Securities plc	30-Oct-2019 08:57:20	161	6502.0000	XLON	01503015000011474-E0fybTH5AWRO20191030
J.P. Morgan Securities plc	30-Oct-2019 08:57:44	57	6504.0000	XLON	01503015000011518-E0fybTH5AWxw20191030
J.P. Morgan Securities plc	30-Oct-2019 08:57:44	57	6504.0000	XLON	01503015000011518-E0fybTH5AWy020191030
J.P. Morgan Securities plc	30-Oct-2019 08:57:44	38	6504.0000	XLON	01503015000011518-E0fybTH5AWxy20191030
J.P. Morgan Securities plc	30-Oct-2019 08:57:52	48	6504.0000	XLON	11503115000011549-E0fybTH5AX6t20191030
J.P. Morgan Securities plc	30-Oct-2019 08:57:52	42	6504.0000	XLON	11503115000011549-E0fybTH5AX6p20191030
J.P. Morgan Securities plc	30-Oct-2019 08:57:52	75	6504.0000	XLON	11503115000011549-E0fybTH5AX6r20191030
J.P. Morgan Securities plc	30-Oct-2019 08:58:04	49	6504.0000	XLON	11503115000011574-E0fybTH5AXOu20191030
J.P. Morgan Securities plc	30-Oct-2019 09:00:04	105	6502.0000	XLON	11503115000011504-E0fybTH5AZhe20191030
J.P. Morgan Securities plc	30-Oct-2019 09:00:04	114	6502.0000	XLON	11503115000011486-E0fybTH5AZhc20191030
J.P. Morgan Securities plc	30-Oct-2019 09:03:43	6	6506.0000	XLON	01503015000012444-E0fybTH5AeF120191030
J.P. Morgan Securities plc	30-Oct-2019 09:03:43	30	6506.0000	XLON	01503015000012444-E0fybTH5AeF320191030
J.P. Morgan Securities plc	30-Oct-2019 09:03:55	200	6506.0000	XLON	11503115000012494-E0fybTH5AeT020191030
J.P. Morgan Securities plc	30-Oct-2019 09:04:18	100	6506.0000	XLON	11503115000012494-E0fybTH5AeyY20191030
J.P. Morgan Securities plc	30-Oct-2019 09:04:18	30	6506.0000	XLON	11503115000012494-E0fybTH5Aeya20191030
J.P. Morgan Securities plc	30-Oct-2019 09:05:10	58	6504.0000	XLON	01503015000012523-E0fybTH5Ag7S20191030
J.P. Morgan Securities plc	30-Oct-2019 09:06:24	113	6502.0000	XLON	11503115000012848-E0fybTH5Ahr520191030
J.P. Morgan Securities plc	30-Oct-2019 09:08:07	81	6502.0000	XLON	11503115000013058-E0fybTH5Ajlif20191030
J.P. Morgan Securities plc	30-Oct-2019 09:08:07	154	6502.0000	XLON	11503115000013058-E0fybTH5Ajlid20191030
J.P. Morgan Securities plc	30-Oct-2019 09:11:15	192	6504.0000	XLON	11503115000013737-E0fybTH5AnB620191030
J.P. Morgan Securities plc	30-Oct-2019 09:11:16	136	6502.0000	XLON	11503115000013566-E0fybTH5AnD720191030
J.P. Morgan Securities plc	30-Oct-2019 09:12:17	68	6502.0000	XLON	11503115000013566-E0fybTH5AoKA20191030
J.P. Morgan Securities plc	30-Oct-2019 09:12:52	38	6500.0000	XLON	01503015000014132-E0fybTH5Aoud20191030
J.P. Morgan Securities plc	30-Oct-2019 09:12:52	136	6500.0000	XLON	01503015000014132-E0fybTH5AouZ20191030
J.P. Morgan Securities plc	30-Oct-2019 09:12:52	4	6500.0000	XLON	01503015000014132-E0fybTH5Aouf20191030
J.P. Morgan Securities plc	30-Oct-2019 09:12:52	48	6500.0000	XLON	01503015000014132-E0fybTH5Aoub20191030
J.P. Morgan Securities plc	30-Oct-2019 09:16:59	186	6510.0000	XLON	01503015000015040-E0fybTH5AtZK20191030
J.P. Morgan Securities plc	30-Oct-2019 09:19:32	137	6508.0000	XLON	11503115000015527-E0fybTH5AwPk20191030
J.P. Morgan Securities plc	30-Oct-2019 09:19:35	51	6508.0000	XLON	11503115000015527-E0fybTH5AwSG20191030
J.P. Morgan Securities plc	30-Oct-2019 09:19:56	52	6508.0000	XLON	11503115000015527-E0fybTH5Awl420191030
J.P. Morgan Securities plc	30-Oct-2019 09:21:12	50	6506.0000	XLON	11503115000015564-E0fybTH5AxxG20191030
J.P. Morgan Securities plc	30-Oct-2019 09:21:12	167	6506.0000	XLON	01503015000015743-E0fybTH5Ay0920191030
J.P. Morgan Securities plc	30-Oct-2019 09:23:43	75	6508.0000	XLON	11503115000016217-E0fybTH5B0jW20191030
J.P. Morgan Securities plc	30-Oct-2019 09:23:43	22	6508.0000	XLON	11503115000016217-E0fybTH5B0jY20191030
J.P. Morgan Securities plc	30-Oct-2019 09:23:43	159	6508.0000	XLON	11503115000016217-E0fybTH5B0jU20191030
J.P. Morgan Securities plc	30-Oct-2019 09:23:43	380	6506.0000	XLON	11503115000016043-E0fybTH5B0jz20191030
J.P. Morgan Securities plc	30-Oct-2019 09:25:23	111	6506.0000	XLON	11503115000016512-E0fybTH5B2FG20191030
J.P. Morgan Securities plc	30-Oct-2019 09:25:23	115	6506.0000	XLON	11503115000016512-E0fybTH5B2FE20191030
J.P. Morgan Securities plc	30-Oct-2019 09:30:24	190	6510.0000	XLON	01503015000017753-E0fybTH5B6pB20191030
J.P. Morgan Securities plc	30-Oct-2019 09:30:28	229	6508.0000	XLON	11503115000017455-E0fybTH5B6u220191030
J.P. Morgan Securities plc	30-Oct-2019 09:30:28	15	6508.0000	XLON	11503115000017533-E0fybTH5B6u620191030
J.P. Morgan Securities plc	30-Oct-2019 09:31:26	10	6500.0000	XLON	11503115000017902-E0fybTH5B7zm20191030
J.P. Morgan Securities plc	30-Oct-2019 09:31:26	225	6500.0000	XLON	11503115000017902-E0fybTH5B7zg20191030
J.P. Morgan Securities plc	30-Oct-2019 09:31:26	7	6500.0000	XLON	11503115000017902-E0fybTH5B7zk20191030
J.P. Morgan Securities plc	30-Oct-2019 09:32:09	131	6498.0000	XLON	11503115000017874-E0fybTH5B98320191030
J.P. Morgan Securities plc	30-Oct-2019 09:32:09	111	6498.0000	XLON	11503115000017874-E0fybTH5B98520191030
J.P. Morgan Securities plc	30-Oct-2019 09:37:11	250	6502.0000	XLON	11503115000018855-E0fybTH5BFdV20191030
J.P. Morgan Securities plc	30-Oct-2019 09:37:11	216	6502.0000	XLON	11503115000018892-E0fybTH5BFdX20191030
J.P. Morgan Securities plc	30-Oct-2019 09:44:00	20	6506.0000	XLON	11503115000020300-E0fybTH5BM5C20191030
J.P. Morgan Securities plc	30-Oct-2019 09:44:00	192	6506.0000	XLON	11503115000020300-E0fybTH5BM5O20191030
J.P. Morgan Securities plc	30-Oct-2019 09:44:00	78	6506.0000	XLON	01503015000020358-E0fybTH5BM5Q20191030
J.P. Morgan Securities plc	30-Oct-2019 09:46:43	134	6510.0000	XLON	11503115000020812-E0fybTH5BPrK20191030
J.P. Morgan Securities plc	30-Oct-2019 09:47:11	79	6510.0000	XLON	11503115000020812-E0fybTH5BQNH20191030
J.P. Morgan Securities plc	30-Oct-2019 09:48:58	60	6512.0000	XLON	11503115000021152-E0fybTH5BRxl20191030
J.P. Morgan Securities plc	30-Oct-2019 09:48:58	40	6512.0000	XLON	01503015000021209-E0fybTH5BRxK20191030
J.P. Morgan Securities plc	30-Oct-2019 09:48:58	12	6512.0000	XLON	01503015000021209-E0fybTH5BRxM20191030
J.P. Morgan Securities plc	30-Oct-2019 09:48:58	100	6512.0000	XLON	01503015000021208-E0fybTH5BRxG20191030
J.P. Morgan Securities plc	30-Oct-2019 09:50:41	285	6510.0000	XLON	11503115000021435-E0fybTH5BTiT20191030
J.P. Morgan Securities plc	30-Oct-2019 09:53:43	53	6510.0000	XLON	01503015000021841-E0fybTH5BVVw20191030
J.P. Morgan Securities plc	30-Oct-2019 09:53:43	309	6510.0000	XLON	11503115000021813-E0fybTH5BVVy20191030
J.P. Morgan Securities plc	30-Oct-2019 09:53:43	75	6510.0000	XLON	01503015000021851-E0fybTH5BVV620191030
J.P. Morgan Securities plc	30-Oct-2019 09:53:43	38	6510.0000	XLON	01503015000021850-E0fybTH5BVW020191030
J.P. Morgan Securities plc	30-Oct-2019 09:53:43	40	6510.0000	XLON	11503115000021828-E0fybTH5BVWA20191030
J.P. Morgan Securities plc	30-Oct-2019 09:53:43	70	6510.0000	XLON	01503015000021858-E0fybTH5BVWC20191030
J.P. Morgan Securities plc	30-Oct-2019 09:53:43	14	6510.0000	XLON	01503015000021851-E0fybTH5BVW820191030
J.P. Morgan Securities plc	30-Oct-2019 09:53:43	15	6510.0000	XLON	01503015000021850-E0fybTH5BVW420191030
J.P. Morgan Securities plc	30-Oct-2019 09:55:22	229	6510.0000	XLON	11503115000021989-E0fybTH5BX0b20191030
J.P. Morgan Securities plc	30-Oct-2019 09:55:50	52	6506.0000	XLON	01503015000022012-E0fybTH5BXOV20191030
J.P. Morgan Securities plc	30-Oct-2019 09:55:50	139	6506.0000	XLON	01503015000022012-E0fybTH5BXOY20191030
J.P. Morgan Securities plc	30-Oct-2019 09:59:40	44	6500.0000	XLON	11503115000022388-E0fybTH5BagQ20191030
J.P. Morgan Securities plc	30-Oct-2019 09:59:40	107	6500.0000	XLON	01503015000022129-E0fybTH5BagM20191030

J.P. Morgan Securities plc	30-Oct-2019 10:01:12	48	6504.0000	XLON	11503115000023363-E0fybTH5Bc4H20191030
J.P. Morgan Securities plc	30-Oct-2019 10:01:12	21	6504.0000	XLON	11503115000023363-E0fybTH5Bc4F20191030
J.P. Morgan Securities plc	30-Oct-2019 10:01:12	75	6504.0000	XLON	11503115000023363-E0fybTH5Bc4D20191030
J.P. Morgan Securities plc	30-Oct-2019 10:01:12	72	6504.0000	XLON	11503115000023363-E0fybTH5Bc4J20191030
J.P. Morgan Securities plc	30-Oct-2019 10:03:33	75	6514.0000	XLON	01503015000023900-E0fybTH5Be5f20191030
J.P. Morgan Securities plc	30-Oct-2019 10:03:33	75	6514.0000	XLON	01503015000023900-E0fybTH5Be5h20191030
J.P. Morgan Securities plc	30-Oct-2019 10:03:33	40	6514.0000	XLON	01503015000023900-E0fybTH5Be5j20191030
J.P. Morgan Securities plc	30-Oct-2019 10:03:38	285	6512.0000	XLON	11503115000023869-E0fybTH5Be9220191030
J.P. Morgan Securities plc	30-Oct-2019 10:08:46	36	6510.0000	XLON	11503115000024678-E0fybTH5BibH20191030
J.P. Morgan Securities plc	30-Oct-2019 10:08:46	5	6510.0000	XLON	11503115000024678-E0fybTH5BibF20191030
J.P. Morgan Securities plc	30-Oct-2019 10:08:46	1	6508.0000	XLON	11503115000024515-E0fybTH5BibU20191030
J.P. Morgan Securities plc	30-Oct-2019 10:08:46	43	6508.0000	XLON	11503115000024515-E0fybTH5BibR20191030
J.P. Morgan Securities plc	30-Oct-2019 10:11:20	281	6510.0000	XLON	01503015000025544-E0fybTH5BkVe20191030
J.P. Morgan Securities plc	30-Oct-2019 10:12:25	211	6510.0000	XLON	01503015000025867-E0fybTH5BIBM20191030
J.P. Morgan Securities plc	30-Oct-2019 10:12:25	207	6506.0000	XLON	11503115000024965-E0fybTH5BID320191030
J.P. Morgan Securities plc	30-Oct-2019 10:15:57	6	6510.0000	XLON	11503115000026591-E0fybTH5Boap20191030
J.P. Morgan Securities plc	30-Oct-2019 10:15:57	150	6510.0000	XLON	11503115000026591-E0fybTH5Boan20191030
J.P. Morgan Securities plc	30-Oct-2019 10:16:14	62	6510.0000	XLON	01503015000026610-E0fybTH5Bonx20191030
J.P. Morgan Securities plc	30-Oct-2019 10:16:14	41	6510.0000	XLON	01503015000026625-E0fybTH5Bonz20191030
J.P. Morgan Securities plc	30-Oct-2019 10:18:05	59	6506.0000	XLON	01503015000026710-E0fybTH5BqcA20191030
J.P. Morgan Securities plc	30-Oct-2019 10:18:05	30	6506.0000	XLON	01503015000026710-E0fybTH5BqcC20191030
J.P. Morgan Securities plc	30-Oct-2019 10:18:05	134	6506.0000	XLON	01503015000026777-E0fybTH5Bqcl20191030
J.P. Morgan Securities plc	30-Oct-2019 10:18:40	149	6504.0000	XLON	11503115000026784-E0fybTH5Bqzb20191030
J.P. Morgan Securities plc	30-Oct-2019 10:20:16	81	6514.0000	XLON	01503015000027153-E0fybTH5BsLn20191030
J.P. Morgan Securities plc	30-Oct-2019 10:20:16	127	6514.0000	XLON	11503115000027164-E0fybTH5BsLp20191030
J.P. Morgan Securities plc	30-Oct-2019 10:24:22	42	6518.0000	XLON	01503015000028459-E0fybTH5BvQH20191030
J.P. Morgan Securities plc	30-Oct-2019 10:24:22	8	6518.0000	XLON	01503015000028459-E0fybTH5BvQF20191030
J.P. Morgan Securities plc	30-Oct-2019 10:28:01	37	6522.0000	XLON	01503015000029503-E0fybTH5ByZ20191030
J.P. Morgan Securities plc	30-Oct-2019 10:28:57	1	6526.0000	XLON	11503115000029739-E0fybTH5Byef20191030
J.P. Morgan Securities plc	30-Oct-2019 10:28:58	51	6526.0000	XLON	01503015000029730-E0fybTH5Bygc20191030
J.P. Morgan Securities plc	30-Oct-2019 10:30:20	47	6530.0000	XLON	01503015000029758-E0fybTH5BzuX20191030
J.P. Morgan Securities plc	30-Oct-2019 10:30:20	158	6530.0000	XLON	01503015000029758-E0fybTH5BzuZ20191030
J.P. Morgan Securities plc	30-Oct-2019 10:30:20	41	6530.0000	XLON	11503115000029819-E0fybTH5Bzuh20191030
J.P. Morgan Securities plc	30-Oct-2019 10:31:38	200	6530.0000	XLON	01503015000030113-E0fybTH5C15u20191030
J.P. Morgan Securities plc	30-Oct-2019 10:31:38	4	6530.0000	XLON	01503015000030113-E0fybTH5C15z20191030
J.P. Morgan Securities plc	30-Oct-2019 10:33:28	8	6534.0000	XLON	11503115000030430-E0fybTH5C2zH20191030
J.P. Morgan Securities plc	30-Oct-2019 10:33:28	100	6534.0000	XLON	11503115000030430-E0fybTH5C2zE20191030
J.P. Morgan Securities plc	30-Oct-2019 10:33:40	96	6536.0000	XLON	01503015000030443-E0fybTH5C3EP20191030
J.P. Morgan Securities plc	30-Oct-2019 10:35:37	146	6544.0000	XLON	11503115000030744-E0fybTH5C58s20191030
J.P. Morgan Securities plc	30-Oct-2019 10:35:50	57	6544.0000	XLON	11503115000030744-E0fybTH5C5la20191030
J.P. Morgan Securities plc	30-Oct-2019 10:37:42	54	6550.0000	XLON	11503115000031460-E0fybTH5C6cW20191030
J.P. Morgan Securities plc	30-Oct-2019 10:37:42	29	6550.0000	XLON	11503115000031460-E0fybTH5C6cY20191030
J.P. Morgan Securities plc	30-Oct-2019 10:37:42	120	6550.0000	XLON	11503115000031460-E0fybTH5C6cU20191030
J.P. Morgan Securities plc	30-Oct-2019 10:39:42	109	6558.0000	XLON	11503115000032214-E0fybTH5C8LK20191030
J.P. Morgan Securities plc	30-Oct-2019 10:39:42	77	6558.0000	XLON	11503115000032214-E0fybTH5C8LM20191030
J.P. Morgan Securities plc	30-Oct-2019 10:41:37	202	6552.0000	XLON	01503015000032395-E0fybTH5C9uu20191030
J.P. Morgan Securities plc	30-Oct-2019 10:43:41	16	6552.0000	XLON	11503115000032666-E0fybTH5CBD820191030
J.P. Morgan Securities plc	30-Oct-2019 10:43:41	141	6552.0000	XLON	11503115000032666-E0fybTH5CBDA20191030
J.P. Morgan Securities plc	30-Oct-2019 10:44:00	144	6550.0000	XLON	01503015000032611-E0fybTH5CBRo20191030
J.P. Morgan Securities plc	30-Oct-2019 10:44:00	48	6550.0000	XLON	01503015000032611-E0fybTH5CBRs20191030
J.P. Morgan Securities plc	30-Oct-2019 10:44:00	60	6548.0000	XLON	01503015000032640-E0fybTH5CBSQ20191030
J.P. Morgan Securities plc	30-Oct-2019 10:44:00	41	6548.0000	XLON	01503015000032640-E0fybTH5CBST20191030
J.P. Morgan Securities plc	30-Oct-2019 10:44:57	15	6548.0000	XLON	01503015000032778-E0fybTH5CCEe20191030
J.P. Morgan Securities plc	30-Oct-2019 10:44:57	77	6548.0000	XLON	01503015000032778-E0fybTH5CCEi20191030
J.P. Morgan Securities plc	30-Oct-2019 10:44:57	112	6548.0000	XLON	01503015000032778-E0fybTH5CCEg20191030
J.P. Morgan Securities plc	30-Oct-2019 10:45:42	68	6560.0000	XLON	11503115000032866-E0fybTH5CCun20191030
J.P. Morgan Securities plc	30-Oct-2019 10:51:12	44	6562.0000	XLON	11503115000033343-E0fybTH5CGwa20191030
J.P. Morgan Securities plc	30-Oct-2019 10:51:12	87	6562.0000	XLON	11503115000033343-E0fybTH5CGwc20191030
J.P. Morgan Securities plc	30-Oct-2019 10:51:12	28	6562.0000	XLON	11503115000033343-E0fybTH5CGwe20191030
J.P. Morgan Securities plc	30-Oct-2019 10:52:00	13	6566.0000	XLON	01503015000033403-E0fybTH5CHfz20191030
J.P. Morgan Securities plc	30-Oct-2019 10:52:00	75	6566.0000	XLON	01503015000033403-E0fybTH5CHg120191030
J.P. Morgan Securities plc	30-Oct-2019 10:52:00	21	6566.0000	XLON	01503015000033403-E0fybTH5CHg320191030
J.P. Morgan Securities plc	30-Oct-2019 10:53:16	18	6566.0000	XLON	01503015000033541-E0fybTH5Clet20191030
J.P. Morgan Securities plc	30-Oct-2019 10:53:16	27	6566.0000	XLON	01503015000033541-E0fybTH5Clev20191030
J.P. Morgan Securities plc	30-Oct-2019 10:54:25	1	6562.0000	XLON	11503115000033569-E0fybTH5CJk320191030
J.P. Morgan Securities plc	30-Oct-2019 10:54:25	51	6562.0000	XLON	11503115000033569-E0fybTH5CJk120191030
J.P. Morgan Securities plc	30-Oct-2019 10:54:32	51	6564.0000	XLON	11503115000033712-E0fybTH5CJPE20191030
J.P. Morgan Securities plc	30-Oct-2019 10:54:32	37	6564.0000	XLON	11503115000033712-E0fybTH5CJPG20191030
J.P. Morgan Securities plc	30-Oct-2019 10:54:32	59	6564.0000	XLON	11503115000033712-E0fybTH5CJPC20191030
J.P. Morgan Securities plc	30-Oct-2019 10:55:02	2	6562.0000	XLON	01503015000033684-E0fybTH5CJmU20191030
J.P. Morgan Securities plc	30-Oct-2019 10:55:02	20	6562.0000	XLON	01503015000033684-E0fybTH5CJmc20191030
J.P. Morgan Securities plc	30-Oct-2019 10:55:02	80	6562.0000	XLON	01503015000033684-E0fybTH5CJmW20191030
J.P. Morgan Securities plc	30-Oct-2019 10:55:02	16	6562.0000	XLON	01503015000033684-E0fybTH5CJmY20191030
J.P. Morgan Securities plc	30-Oct-2019 10:55:02	18	6562.0000	XLON	01503015000033684-E0fybTH5CJma20191030
J.P. Morgan Securities plc	30-Oct-2019 10:57:45	107	6570.0000	XLON	11503115000034102-E0fybTH5CM7820191030
J.P. Morgan Securities plc	30-Oct-2019 10:57:45	35	6570.0000	XLON	11503115000034102-E0fybTH5CM7A20191030
J.P. Morgan Securities plc	30-Oct-2019 10:57:52	60	6570.0000	XLON	01503015000034078-E0fybTH5CMBd20191030
J.P. Morgan Securities plc	30-Oct-2019 10:57:52	1	6570.0000	XLON	01503015000034078-E0fybTH5CMBb20191030
J.P. Morgan Securities plc	30-Oct-2019 11:00:23	200	6572.0000	XLON	11503115000034405-E0fybTH5COTg20191030

J.P. Morgan Securities plc	30-Oct-2019 11:02:32	73	6570.0000	XLON	11503115000034741-E0fybTH5CQIT20191030
J.P. Morgan Securities plc	30-Oct-2019 11:03:06	9	6578.0000	XLON	01503015000034820-E0fybTH5CRUI20191030
J.P. Morgan Securities plc	30-Oct-2019 11:03:06	57	6578.0000	XLON	01503015000034820-E0fybTH5CRUJ20191030
J.P. Morgan Securities plc	30-Oct-2019 11:03:06	75	6578.0000	XLON	01503015000034820-E0fybTH5CRUn20191030
J.P. Morgan Securities plc	30-Oct-2019 11:04:12	63	6580.0000	XLON	11503115000035028-E0fybTH5CSLh20191030
J.P. Morgan Securities plc	30-Oct-2019 11:06:08	96	6586.0000	XLON	11503115000035335-E0fybTH5CU2020191030
J.P. Morgan Securities plc	30-Oct-2019 11:06:13	63	6586.0000	XLON	11503115000035346-E0fybTH5CU3L20191030
J.P. Morgan Securities plc	30-Oct-2019 11:06:13	91	6586.0000	XLON	11503115000035346-E0fybTH5CU3J20191030
J.P. Morgan Securities plc	30-Oct-2019 11:08:19	95	6584.0000	XLON	01503015000035638-E0fybTH5CWYn20191030
J.P. Morgan Securities plc	30-Oct-2019 11:08:19	75	6584.0000	XLON	01503015000035638-E0fybTH5CWYp20191030
J.P. Morgan Securities plc	30-Oct-2019 11:08:55	42	6584.0000	XLON	01503015000035696-E0fybTH5CXHf20191030
J.P. Morgan Securities plc	30-Oct-2019 11:11:57	39	6594.0000	XLON	01503015000036056-E0fybTH5CZxj20191030
J.P. Morgan Securities plc	30-Oct-2019 11:11:58	75	6592.0000	XLON	11503115000036081-E0fybTH5CZz320191030
J.P. Morgan Securities plc	30-Oct-2019 11:11:58	55	6592.0000	XLON	11503115000036081-E0fybTH5CZz520191030
J.P. Morgan Securities plc	30-Oct-2019 11:11:58	34	6592.0000	XLON	11503115000036081-E0fybTH5CZz720191030
J.P. Morgan Securities plc	30-Oct-2019 11:12:01	75	6592.0000	XLON	01503015000036064-E0fybTH5Ca0k20191030
J.P. Morgan Securities plc	30-Oct-2019 11:12:01	17	6592.0000	XLON	01503015000036064-E0fybTH5Ca0m20191030
J.P. Morgan Securities plc	30-Oct-2019 11:13:38	44	6586.0000	XLON	01503015000036256-E0fybTH5CbNY20191030
J.P. Morgan Securities plc	30-Oct-2019 11:14:11	45	6590.0000	XLON	01503015000036264-E0fybTH5Cc9920191030
J.P. Morgan Securities plc	30-Oct-2019 11:16:39	75	6590.0000	XLON	01503015000036754-E0fybTH5Cdpg20191030
J.P. Morgan Securities plc	30-Oct-2019 11:16:40	75	6590.0000	XLON	11503115000036793-E0fybTH5Cdq820191030
J.P. Morgan Securities plc	30-Oct-2019 11:16:40	57	6590.0000	XLON	11503115000036793-E0fybTH5Cdq620191030
J.P. Morgan Securities plc	30-Oct-2019 11:16:52	75	6590.0000	XLON	01503015000036789-E0fybTH5Cdz620191030
J.P. Morgan Securities plc	30-Oct-2019 11:16:52	57	6590.0000	XLON	01503015000036789-E0fybTH5Cdz420191030
J.P. Morgan Securities plc	30-Oct-2019 11:19:03	75	6594.0000	XLON	01503015000037104-E0fybTH5CfkB20191030
J.P. Morgan Securities plc	30-Oct-2019 11:19:03	49	6594.0000	XLON	01503015000037104-E0fybTH5Cfk920191030
J.P. Morgan Securities plc	30-Oct-2019 11:19:13	141	6592.0000	XLON	11503115000037102-E0fybTH5CfvR20191030
J.P. Morgan Securities plc	30-Oct-2019 11:19:13	49	6592.0000	XLON	01503015000037096-E0fybTH5CfvV20191030
J.P. Morgan Securities plc	30-Oct-2019 11:19:13	20	6592.0000	XLON	11503115000037121-E0fybTH5CfvT20191030
J.P. Morgan Securities plc	30-Oct-2019 11:20:43	87	6590.0000	XLON	11503115000037339-E0fybTH5Ch3r20191030
J.P. Morgan Securities plc	30-Oct-2019 11:20:43	39	6590.0000	XLON	11503115000037339-E0fybTH5Ch3t20191030
J.P. Morgan Securities plc	30-Oct-2019 11:24:15	14	6594.0000	XLON	01503015000037848-E0fybTH5CjwP20191030
J.P. Morgan Securities plc	30-Oct-2019 11:24:15	25	6594.0000	XLON	01503015000037848-E0fybTH5CjwN20191030
J.P. Morgan Securities plc	30-Oct-2019 11:24:30	44	6596.0000	XLON	11503115000037906-E0fybTH5Ck6n20191030
J.P. Morgan Securities plc	30-Oct-2019 11:24:30	56	6596.0000	XLON	11503115000037906-E0fybTH5Ck6l20191030
J.P. Morgan Securities plc	30-Oct-2019 11:24:30	83	6596.0000	XLON	11503115000037906-E0fybTH5Ck6j20191030
J.P. Morgan Securities plc	30-Oct-2019 11:26:49	78	6600.0000	XLON	11503115000038170-E0fybTH5CmFO20191030
J.P. Morgan Securities plc	30-Oct-2019 11:26:49	55	6600.0000	XLON	11503115000038170-E0fybTH5CmFQ20191030
J.P. Morgan Securities plc	30-Oct-2019 11:26:49	50	6600.0000	XLON	11503115000038170-E0fybTH5CmFM20191030
J.P. Morgan Securities plc	30-Oct-2019 11:28:29	75	6598.0000	XLON	01503015000038348-E0fybTH5Cnb520191030
J.P. Morgan Securities plc	30-Oct-2019 11:28:29	24	6598.0000	XLON	01503015000038348-E0fybTH5Cnb720191030
J.P. Morgan Securities plc	30-Oct-2019 11:29:57	53	6596.0000	XLON	11503115000038359-E0fybTH5CoXE20191030
J.P. Morgan Securities plc	30-Oct-2019 11:29:57	55	6596.0000	XLON	11503115000038359-E0fybTH5CoXH20191030
J.P. Morgan Securities plc	30-Oct-2019 11:30:09	84	6594.0000	XLON	11503115000038571-E0fybTH5CozJ20191030
J.P. Morgan Securities plc	30-Oct-2019 11:30:13	75	6596.0000	XLON	01503015000038587-E0fybTH5Cp5G20191030
J.P. Morgan Securities plc	30-Oct-2019 11:30:13	81	6596.0000	XLON	01503015000038587-E0fybTH5Cp5E20191030
J.P. Morgan Securities plc	30-Oct-2019 11:31:12	2	6596.0000	XLON	01503015000038735-E0fybTH5CpjE20191030
J.P. Morgan Securities plc	30-Oct-2019 11:31:12	32	6596.0000	XLON	01503015000038735-E0fybTH5CpjC20191030
J.P. Morgan Securities plc	30-Oct-2019 11:31:12	6	6592.0000	XLON	01503015000038566-E0fybTH5CpkD20191030
J.P. Morgan Securities plc	30-Oct-2019 11:31:12	64	6592.0000	XLON	01503015000038566-E0fybTH5CpkI20191030
J.P. Morgan Securities plc	30-Oct-2019 11:31:12	82	6592.0000	XLON	01503015000038566-E0fybTH5CpkG20191030
J.P. Morgan Securities plc	30-Oct-2019 11:33:09	86	6594.0000	XLON	01503015000039008-E0fybTH5CrKO20191030
J.P. Morgan Securities plc	30-Oct-2019 11:33:09	75	6594.0000	XLON	01503015000039008-E0fybTH5CrKQ20191030
J.P. Morgan Securities plc	30-Oct-2019 11:33:21	75	6594.0000	XLON	01503015000039044-E0fybTH5CrVw20191030
J.P. Morgan Securities plc	30-Oct-2019 11:34:44	106	6598.0000	XLON	11503115000039256-E0fybTH5Csqq20191030
J.P. Morgan Securities plc	30-Oct-2019 11:36:41	153	6590.0000	XLON	01503015000039543-E0fybTH5CuLE20191030
J.P. Morgan Securities plc	30-Oct-2019 11:36:44	153	6586.0000	XLON	11503115000039563-E0fybTH5CuQR20191030
J.P. Morgan Securities plc	30-Oct-2019 11:39:05	132	6580.0000	XLON	11503115000039780-E0fybTH5CwRL20191030
J.P. Morgan Securities plc	30-Oct-2019 11:44:16	149	6586.0000	XLON	01503015000040628-E0fybTH5D0Ty20191030
J.P. Morgan Securities plc	30-Oct-2019 11:44:16	26	6586.0000	XLON	01503015000040628-E0fybTH5D0U020191030
J.P. Morgan Securities plc	30-Oct-2019 11:47:52	70	6586.0000	XLON	01503015000041129-E0fybTH5D3Ri20191030
J.P. Morgan Securities plc	30-Oct-2019 11:47:52	58	6586.0000	XLON	01503015000041129-E0fybTH5D3Rk20191030
J.P. Morgan Securities plc	30-Oct-2019 11:49:09	119	6584.0000	XLON	11503115000041201-E0fybTH5D4So20191030
J.P. Morgan Securities plc	30-Oct-2019 11:50:57	145	6584.0000	XLON	11503115000041404-E0fybTH5D6EY20191030
J.P. Morgan Securities plc	30-Oct-2019 11:50:57	51	6584.0000	XLON	11503115000041501-E0fybTH5D6Ek20191030
J.P. Morgan Securities plc	30-Oct-2019 11:50:57	17	6584.0000	XLON	01503015000041451-E0fybTH5D6Eo20191030
J.P. Morgan Securities plc	30-Oct-2019 11:50:57	17	6584.0000	XLON	11503115000041535-E0fybTH5D6Es20191030
J.P. Morgan Securities plc	30-Oct-2019 11:50:57	60	6584.0000	XLON	11503115000041537-E0fybTH5D6Eu20191030
J.P. Morgan Securities plc	30-Oct-2019 11:50:57	8	6584.0000	XLON	01503015000041451-E0fybTH5D6Eq20191030
J.P. Morgan Securities plc	30-Oct-2019 11:50:57	60	6580.0000	XLON	01503015000041455-E0fybTH5D6GK20191030
J.P. Morgan Securities plc	30-Oct-2019 11:50:57	14	6580.0000	XLON	01503015000041468-E0fybTH5D6GM20191030
J.P. Morgan Securities plc	30-Oct-2019 11:50:57	52	6584.0000	XLON	01503015000041393-E0fybTH5D6Ec20191030
J.P. Morgan Securities plc	30-Oct-2019 11:50:57	60	6584.0000	XLON	11503115000041490-E0fybTH5D6Ei20191030
J.P. Morgan Securities plc	30-Oct-2019 11:50:57	162	6584.0000	XLON	11503115000041404-E0fybTH5D6Ea20191030
J.P. Morgan Securities plc	30-Oct-2019 11:51:40	72	6578.0000	XLON	01503015000041490-E0fybTH5D72820191030
J.P. Morgan Securities plc	30-Oct-2019 11:54:25	106	6574.0000	XLON	01503015000041677-E0fybTH5D9fB20191030
J.P. Morgan Securities plc	30-Oct-2019 11:59:30	85	6582.0000	XLON	01503015000042658-E0fybTH5DFM20191030
J.P. Morgan Securities plc	30-Oct-2019 11:59:30	54	6582.0000	XLON	01503015000042658-E0fybTH5DFMf20191030
J.P. Morgan Securities plc	30-Oct-2019 11:59:30	95	6582.0000	XLON	01503015000042658-E0fybTH5DFMb20191030

J.P. Morgan Securities plc	30-Oct-2019 12:59:40	102	6574.0000	XLON	01503015000052538-E0fybTH5ECu620191030
J.P. Morgan Securities plc	30-Oct-2019 13:03:57	94	6576.0000	XLON	11503115000053263-E0fybTH5EHNh20191030
J.P. Morgan Securities plc	30-Oct-2019 13:06:58	49	6582.0000	XLON	11503115000054585-E0fybTH5EJZq20191030
J.P. Morgan Securities plc	30-Oct-2019 13:06:58	41	6582.0000	XLON	01503015000054610-E0fybTH5EJZo20191030
J.P. Morgan Securities plc	30-Oct-2019 13:06:58	8	6582.0000	XLON	01503015000054730-E0fybTH5EJZs20191030
J.P. Morgan Securities plc	30-Oct-2019 13:08:16	44	6580.0000	XLON	01503015000054914-E0fybTH5EKvq20191030
J.P. Morgan Securities plc	30-Oct-2019 13:08:16	19	6580.0000	XLON	01503015000054914-E0fybTH5EKvo20191030
J.P. Morgan Securities plc	30-Oct-2019 13:08:16	17	6580.0000	XLON	01503015000054914-E0fybTH5EKvm20191030
J.P. Morgan Securities plc	30-Oct-2019 13:09:24	54	6584.0000	XLON	11503115000054996-E0fybTH5ELu820191030
J.P. Morgan Securities plc	30-Oct-2019 13:09:24	14	6584.0000	XLON	11503115000054996-E0fybTH5ELu620191030
J.P. Morgan Securities plc	30-Oct-2019 13:09:58	74	6582.0000	XLON	11503115000054988-E0fybTH5EMUn20191030
J.P. Morgan Securities plc	30-Oct-2019 13:11:00	37	6582.0000	XLON	01503015000055182-E0fybTH5ENSj20191030
J.P. Morgan Securities plc	30-Oct-2019 13:11:00	12	6582.0000	XLON	01503015000055182-E0fybTH5ENSI20191030
J.P. Morgan Securities plc	30-Oct-2019 13:13:23	1	6584.0000	XLON	01503015000055417-E0fybTH5EPFK20191030
J.P. Morgan Securities plc	30-Oct-2019 13:13:23	39	6584.0000	XLON	01503015000055417-E0fybTH5EPFF20191030
J.P. Morgan Securities plc	30-Oct-2019 13:13:30	56	6582.0000	XLON	11503115000055326-E0fybTH5EPN120191030
J.P. Morgan Securities plc	30-Oct-2019 13:14:08	73	6580.0000	XLON	01503015000055528-E0fybTH5EPuv20191030
J.P. Morgan Securities plc	30-Oct-2019 13:15:02	110	6578.0000	XLON	11503115000055516-E0fybTH5EQqk20191030
J.P. Morgan Securities plc	30-Oct-2019 13:15:48	171	6578.0000	XLON	01503015000055735-E0fybTH5ERnh20191030
J.P. Morgan Securities plc	30-Oct-2019 13:15:48	56	6578.0000	XLON	01503015000055735-E0fybTH5ERnf20191030
J.P. Morgan Securities plc	30-Oct-2019 13:15:48	31	6578.0000	XLON	01503015000055735-E0fybTH5ERnj20191030
J.P. Morgan Securities plc	30-Oct-2019 13:16:03	69	6576.0000	XLON	11503115000055727-E0fybTH5ESoy20191030
J.P. Morgan Securities plc	30-Oct-2019 13:18:52	48	6578.0000	XLON	01503015000056092-E0fybTH5ETI720191030
J.P. Morgan Securities plc	30-Oct-2019 13:18:52	121	6578.0000	XLON	01503015000056092-E0fybTH5ETI920191030
J.P. Morgan Securities plc	30-Oct-2019 13:20:48	44	6578.0000	XLON	01503015000056299-E0fybTH5EVOL20191030
J.P. Morgan Securities plc	30-Oct-2019 13:21:51	43	6578.0000	XLON	01503015000056713-E0fybTH5EWLX20191030
J.P. Morgan Securities plc	30-Oct-2019 13:22:28	48	6578.0000	XLON	11503115000056950-E0fybTH5EXKL20191030
J.P. Morgan Securities plc	30-Oct-2019 13:22:28	108	6578.0000	XLON	11503115000056950-E0fybTH5EXKF20191030
J.P. Morgan Securities plc	30-Oct-2019 13:22:28	75	6578.0000	XLON	11503115000056950-E0fybTH5EXKJ20191030
J.P. Morgan Securities plc	30-Oct-2019 13:22:28	2	6578.0000	XLON	11503115000056950-E0fybTH5EXKH20191030
J.P. Morgan Securities plc	30-Oct-2019 13:25:23	16	6586.0000	XLON	11503115000057586-E0fybTH5EaKb20191030
J.P. Morgan Securities plc	30-Oct-2019 13:25:23	47	6586.0000	XLON	01503015000057550-E0fybTH5EaKX20191030
J.P. Morgan Securities plc	30-Oct-2019 13:25:23	46	6586.0000	XLON	01503015000057688-E0fybTH5EaKf20191030
J.P. Morgan Securities plc	30-Oct-2019 13:27:10	53	6586.0000	XLON	01503015000057793-E0fybTH5EcBJ20191030
J.P. Morgan Securities plc	30-Oct-2019 13:27:10	44	6586.0000	XLON	01503015000057888-E0fybTH5EcBN20191030
J.P. Morgan Securities plc	30-Oct-2019 13:27:16	12	6584.0000	XLON	01503015000057731-E0fybTH5EcIR20191030
J.P. Morgan Securities plc	30-Oct-2019 13:27:16	54	6584.0000	XLON	01503015000057731-E0fybTH5EcIT20191030
J.P. Morgan Securities plc	30-Oct-2019 13:28:16	64	6582.0000	XLON	11503115000058014-E0fybTH5EdO120191030
J.P. Morgan Securities plc	30-Oct-2019 13:29:08	62	6582.0000	XLON	11503115000058086-E0fybTH5Ee0k20191030
J.P. Morgan Securities plc	30-Oct-2019 13:29:08	60	6582.0000	XLON	11503115000058086-E0fybTH5Ee0e20191030
J.P. Morgan Securities plc	30-Oct-2019 13:29:08	37	6582.0000	XLON	11503115000058086-E0fybTH5Ee0c20191030
J.P. Morgan Securities plc	30-Oct-2019 13:29:08	11	6582.0000	XLON	11503115000058086-E0fybTH5Ee0i20191030
J.P. Morgan Securities plc	30-Oct-2019 13:29:08	157	6582.0000	XLON	11503115000058086-E0fybTH5Ee0g20191030
J.P. Morgan Securities plc	30-Oct-2019 13:30:27	70	6580.0000	XLON	01503015000058140-E0fybTH5EfcQ20191030
J.P. Morgan Securities plc	30-Oct-2019 13:30:27	74	6580.0000	XLON	11503115000057916-E0fybTH5EfcM20191030
J.P. Morgan Securities plc	30-Oct-2019 13:31:06	36	6576.0000	XLON	01503015000058369-E0fybTH5EgTh20191030
J.P. Morgan Securities plc	30-Oct-2019 13:31:06	112	6576.0000	XLON	01503015000058369-E0fybTH5EgTb20191030
J.P. Morgan Securities plc	30-Oct-2019 13:32:42	111	6572.0000	XLON	01503015000058606-E0fybTH5Eic320191030
J.P. Morgan Securities plc	30-Oct-2019 13:32:42	96	6572.0000	XLON	01503015000058593-E0fybTH5Eibz20191030
J.P. Morgan Securities plc	30-Oct-2019 13:32:50	21	6570.0000	XLON	11503115000058579-E0fybTH5EimO20191030
J.P. Morgan Securities plc	30-Oct-2019 13:33:02	26	6570.0000	XLON	11503115000058579-E0fybTH5Ej3720191030
J.P. Morgan Securities plc	30-Oct-2019 13:33:21	48	6568.0000	XLON	11503115000058563-E0fybTH5Ejbjq20191030
J.P. Morgan Securities plc	30-Oct-2019 13:33:21	80	6568.0000	XLON	11503115000058407-E0fybTH5Ejbo20191030
J.P. Morgan Securities plc	30-Oct-2019 13:34:40	103	6568.0000	XLON	01503015000058843-E0fybTH5EIOp20191030
J.P. Morgan Securities plc	30-Oct-2019 13:34:56	65	6566.0000	XLON	11503115000058798-E0fybTH5Em1K20191030
J.P. Morgan Securities plc	30-Oct-2019 13:37:19	90	6564.0000	XLON	11503115000059254-E0fybTH5Eq5U20191030
J.P. Morgan Securities plc	30-Oct-2019 13:37:19	79	6564.0000	XLON	01503015000059262-E0fybTH5Eq5W20191030
J.P. Morgan Securities plc	30-Oct-2019 13:37:19	139	6560.0000	XLON	11503115000059256-E0fybTH5EqBP20191030
J.P. Morgan Securities plc	30-Oct-2019 13:40:21	48	6560.0000	XLON	01503015000059767-E0fybTH5Etd020191030
J.P. Morgan Securities plc	30-Oct-2019 13:40:21	38	6560.0000	XLON	01503015000059767-E0fybTH5Etcy20191030
J.P. Morgan Securities plc	30-Oct-2019 13:40:21	75	6560.0000	XLON	01503015000059767-E0fybTH5Etcw20191030
J.P. Morgan Securities plc	30-Oct-2019 13:40:21	18	6560.0000	XLON	01503015000059767-E0fybTH5Etd220191030
J.P. Morgan Securities plc	30-Oct-2019 13:40:22	124	6556.0000	XLON	11503115000059322-E0fybTH5EtgU20191030
J.P. Morgan Securities plc	30-Oct-2019 13:41:51	44	6562.0000	XLON	11503115000059904-E0fybTH5Evhu20191030
J.P. Morgan Securities plc	30-Oct-2019 13:41:51	92	6562.0000	XLON	11503115000059904-E0fybTH5Evhw20191030
J.P. Morgan Securities plc	30-Oct-2019 13:45:08	88	6562.0000	XLON	01503015000060364-E0fybTH5F0TA20191030
J.P. Morgan Securities plc	30-Oct-2019 13:45:08	13	6562.0000	XLON	11503115000060488-E0fybTH5F0TG20191030
J.P. Morgan Securities plc	30-Oct-2019 13:45:08	75	6562.0000	XLON	01503015000060439-E0fybTH5F0TE20191030
J.P. Morgan Securities plc	30-Oct-2019 13:49:40	20	6564.0000	XLON	11503115000061553-E0fybTH5F69T20191030
J.P. Morgan Securities plc	30-Oct-2019 13:49:40	170	6564.0000	XLON	11503115000061553-E0fybTH5F69V20191030
J.P. Morgan Securities plc	30-Oct-2019 13:49:40	75	6564.0000	XLON	11503115000061553-E0fybTH5F69R20191030
J.P. Morgan Securities plc	30-Oct-2019 13:50:51	63	6564.0000	XLON	01503015000061754-E0fybTH5F7HV20191030
J.P. Morgan Securities plc	30-Oct-2019 13:50:51	75	6564.0000	XLON	01503015000061754-E0fybTH5F7HT20191030
J.P. Morgan Securities plc	30-Oct-2019 13:51:08	62	6562.0000	XLON	01503015000061418-E0fybTH5F7qo20191030
J.P. Morgan Securities plc	30-Oct-2019 13:51:08	26	6562.0000	XLON	11503115000061423-E0fybTH5F7qq20191030
J.P. Morgan Securities plc	30-Oct-2019 13:51:08	128	6562.0000	XLON	01503015000061413-E0fybTH5F7qm20191030
J.P. Morgan Securities plc	30-Oct-2019 13:52:28	37	6560.0000	XLON	11503115000061961-E0fybTH5F9N620191030
J.P. Morgan Securities plc	30-Oct-2019 13:52:28	3	6560.0000	XLON	11503115000061961-E0fybTH5F9N820191030
J.P. Morgan Securities plc	30-Oct-2019 13:56:46	89	6562.0000	XLON	11503115000062940-E0fybTH5FENv20191030

J.P. Morgan Securities plc	30-Oct-2019 13:56:46	43	6562.0000	XLON	01503015000062802-E0fybTH5FENa20191030
J.P. Morgan Securities plc	30-Oct-2019 13:56:46	54	6562.0000	XLON	11503115000062917-E0fybTH5FENm20191030
J.P. Morgan Securities plc	30-Oct-2019 13:56:46	5	6562.0000	XLON	11503115000062940-E0fybTH5FENs20191030
J.P. Morgan Securities plc	30-Oct-2019 13:56:46	106	6562.0000	XLON	01503015000062822-E0fybTH5FENe20191030
J.P. Morgan Securities plc	30-Oct-2019 13:56:46	13	6562.0000	XLON	01503015000062935-E0fybTH5FENo20191030
J.P. Morgan Securities plc	30-Oct-2019 13:56:46	67	6562.0000	XLON	01503015000062945-E0fybTH5FENq20191030
J.P. Morgan Securities plc	30-Oct-2019 13:56:46	25	6562.0000	XLON	01503015000062959-E0fybTH5FENx20191030
J.P. Morgan Securities plc	30-Oct-2019 13:56:46	171	6562.0000	XLON	01503015000062822-E0fybTH5FENg20191030
J.P. Morgan Securities plc	30-Oct-2019 13:56:46	54	6562.0000	XLON	01503015000062961-E0fybTH5FENz20191030
J.P. Morgan Securities plc	30-Oct-2019 13:57:05	85	6558.0000	XLON	01503015000062949-E0fybTH5FEIL20191030
J.P. Morgan Securities plc	30-Oct-2019 13:57:05	54	6558.0000	XLON	11503115000062943-E0fybTH5FEIN20191030
J.P. Morgan Securities plc	30-Oct-2019 13:57:05	13	6558.0000	XLON	11503115000062949-E0fybTH5FEIP20191030
J.P. Morgan Securities plc	30-Oct-2019 13:57:41	32	6558.0000	XLON	01503015000063092-E0fybTH5FFk520191030
J.P. Morgan Securities plc	30-Oct-2019 13:57:41	48	6558.0000	XLON	01503015000063092-E0fybTH5FFk720191030
J.P. Morgan Securities plc	30-Oct-2019 13:57:41	109	6558.0000	XLON	01503015000063092-E0fybTH5FFk920191030
J.P. Morgan Securities plc	30-Oct-2019 13:59:08	53	6558.0000	XLON	01503015000063308-E0fybTH5FHDp20191030
J.P. Morgan Securities plc	30-Oct-2019 14:00:07	80	6556.0000	XLON	11503115000063310-E0fybTH5FILR20191030
J.P. Morgan Securities plc	30-Oct-2019 14:03:53	40	6552.0000	XLON	01503015000064118-E0fybTH5FO8E20191030
J.P. Morgan Securities plc	30-Oct-2019 14:03:53	259	6556.0000	XLON	01503015000063930-E0fybTH5FNnB20191030
J.P. Morgan Securities plc	30-Oct-2019 14:03:53	48	6556.0000	XLON	01503015000063943-E0fybTH5FNnD20191030
J.P. Morgan Securities plc	30-Oct-2019 14:03:53	105	6556.0000	XLON	01503015000064122-E0fybTH5FNnF20191030
J.P. Morgan Securities plc	30-Oct-2019 14:03:53	110	6556.0000	XLON	01503015000064122-E0fybTH5FNnI20191030
J.P. Morgan Securities plc	30-Oct-2019 14:05:39	4	6554.0000	XLON	01503015000064791-E0fybTH5FZEq20191030
J.P. Morgan Securities plc	30-Oct-2019 14:05:39	1	6554.0000	XLON	01503015000064791-E0fybTH5FZEI20191030
J.P. Morgan Securities plc	30-Oct-2019 14:05:39	100	6554.0000	XLON	01503015000064791-E0fybTH5FZEj20191030
J.P. Morgan Securities plc	30-Oct-2019 14:05:39	5	6554.0000	XLON	01503015000064791-E0fybTH5FZEg20191030
J.P. Morgan Securities plc	30-Oct-2019 14:05:45	150	6552.0000	XLON	11503115000064795-E0fybTH5FZcy20191030
J.P. Morgan Securities plc	30-Oct-2019 14:08:54	30	6550.0000	XLON	01503015000065374-E0fybTH5FdbW20191030
J.P. Morgan Securities plc	30-Oct-2019 14:08:54	43	6550.0000	XLON	01503015000065374-E0fybTH5FdbY20191030
J.P. Morgan Securities plc	30-Oct-2019 14:08:54	170	6550.0000	XLON	01503015000065374-E0fybTH5Fdba20191030
J.P. Morgan Securities plc	30-Oct-2019 14:12:12	158	6554.0000	XLON	11503115000066035-E0fybTH5Fhh320191030
J.P. Morgan Securities plc	30-Oct-2019 14:12:12	176	6554.0000	XLON	11503115000066035-E0fybTH5Fhh120191030
J.P. Morgan Securities plc	30-Oct-2019 14:12:45	38	6554.0000	XLON	01503015000066118-E0fybTH5FiSC20191030
J.P. Morgan Securities plc	30-Oct-2019 14:12:58	7	6554.0000	XLON	01503015000066118-E0fybTH5FimA20191030
J.P. Morgan Securities plc	30-Oct-2019 14:13:27	37	6552.0000	XLON	11503115000066200-E0fybTH5FjNB20191030
J.P. Morgan Securities plc	30-Oct-2019 14:15:33	202	6554.0000	XLON	01503015000066438-E0fybTH5Fm0G20191030
J.P. Morgan Securities plc	30-Oct-2019 14:15:33	34	6554.0000	XLON	01503015000066538-E0fybTH5Fm0Q20191030
J.P. Morgan Securities plc	30-Oct-2019 14:15:33	60	6554.0000	XLON	11503115000066531-E0fybTH5Fm0W20191030
J.P. Morgan Securities plc	30-Oct-2019 14:15:33	147	6554.0000	XLON	01503015000066472-E0fybTH5Fm0M20191030
J.P. Morgan Securities plc	30-Oct-2019 14:15:33	57	6554.0000	XLON	11503115000066531-E0fybTH5Fm0Q20191030
J.P. Morgan Securities plc	30-Oct-2019 14:18:42	107	6562.0000	XLON	11503115000067063-E0fybTH5FqTl20191030
J.P. Morgan Securities plc	30-Oct-2019 14:19:06	61	6560.0000	XLON	01503015000067157-E0fybTH5Fqx20191030
J.P. Morgan Securities plc	30-Oct-2019 14:22:12	62	6562.0000	XLON	01503015000067602-E0fybTH5Fu3c20191030
J.P. Morgan Securities plc	30-Oct-2019 14:22:12	38	6562.0000	XLON	01503015000067602-E0fybTH5Fu3Z20191030
J.P. Morgan Securities plc	30-Oct-2019 14:23:11	10	6562.0000	XLON	11503115000067745-E0fybTH5Fuy020191030
J.P. Morgan Securities plc	30-Oct-2019 14:23:11	36	6562.0000	XLON	11503115000067745-E0fybTH5Fuxy20191030
J.P. Morgan Securities plc	30-Oct-2019 14:24:20	2	6562.0000	XLON	11503115000067925-E0fybTH5FwEs20191030
J.P. Morgan Securities plc	30-Oct-2019 14:24:28	140	6562.0000	XLON	11503115000067938-E0fybTH5FwNX20191030
J.P. Morgan Securities plc	30-Oct-2019 14:24:28	44	6562.0000	XLON	11503115000067938-E0fybTH5FwNZ20191030
J.P. Morgan Securities plc	30-Oct-2019 14:27:49	71	6564.0000	XLON	01503015000068859-E0fybTH5G0Uo20191030
J.P. Morgan Securities plc	30-Oct-2019 14:27:49	75	6564.0000	XLON	01503015000068859-E0fybTH5G0Us20191030
J.P. Morgan Securities plc	30-Oct-2019 14:27:49	155	6564.0000	XLON	01503015000068859-E0fybTH5G0Uq20191030
J.P. Morgan Securities plc	30-Oct-2019 14:28:24	24	6562.0000	XLON	01503015000068615-E0fybTH5G0wy20191030
J.P. Morgan Securities plc	30-Oct-2019 14:28:24	221	6562.0000	XLON	01503015000068601-E0fybTH5G0ww20191030
J.P. Morgan Securities plc	30-Oct-2019 14:28:24	22	6562.0000	XLON	01503015000068619-E0fybTH5G0x020191030
J.P. Morgan Securities plc	30-Oct-2019 14:30:00	100	6560.0000	XLON	01503015000069135-E0fybTH5G2ph20191030
J.P. Morgan Securities plc	30-Oct-2019 14:30:02	92	6558.0000	XLON	11503115000069109-E0fybTH5G37320191030
J.P. Morgan Securities plc	30-Oct-2019 14:30:02	8	6558.0000	XLON	11503115000069109-E0fybTH5G37120191030
J.P. Morgan Securities plc	30-Oct-2019 14:35:36	272	6578.0000	XLON	01503015000070103-E0fybTH5GANv20191030
J.P. Morgan Securities plc	30-Oct-2019 14:35:36	191	6576.0000	XLON	11503115000070094-E0fybTH5GAOX20191030
J.P. Morgan Securities plc	30-Oct-2019 14:35:36	56	6574.0000	XLON	01503015000070104-E0fybTH5GAP820191030
J.P. Morgan Securities plc	30-Oct-2019 14:35:36	148	6574.0000	XLON	11503115000070095-E0fybTH5GAP620191030
J.P. Morgan Securities plc	30-Oct-2019 14:40:34	16	6566.0000	XLON	01503015000070116-E0fybTH5GFKk20191030
J.P. Morgan Securities plc	30-Oct-2019 14:40:34	26	6566.0000	XLON	01503015000070116-E0fybTH5GFKl20191030
J.P. Morgan Securities plc	30-Oct-2019 14:42:18	13	6562.0000	XLON	11503115000071848-E0fybTH5GHI520191030
J.P. Morgan Securities plc	30-Oct-2019 14:42:18	59	6562.0000	XLON	11503115000071848-E0fybTH5GHkv20191030
J.P. Morgan Securities plc	30-Oct-2019 14:42:18	7	6562.0000	XLON	11503115000071848-E0fybTH5GHI020191030
J.P. Morgan Securities plc	30-Oct-2019 14:42:18	41	6562.0000	XLON	01503015000071032-E0fybTH5GHki20191030
J.P. Morgan Securities plc	30-Oct-2019 14:42:18	97	6562.0000	XLON	11503115000071848-E0fybTH5GHI220191030
J.P. Morgan Securities plc	30-Oct-2019 14:45:06	152	6562.0000	XLON	11503115000072604-E0fybTH5GKAn20191030
J.P. Morgan Securities plc	30-Oct-2019 14:49:24	71	6568.0000	XLON	01503015000073833-E0fybTH5GOaA20191030
J.P. Morgan Securities plc	30-Oct-2019 14:49:24	131	6568.0000	XLON	01503015000073833-E0fybTH5GOaC20191030
J.P. Morgan Securities plc	30-Oct-2019 14:49:24	48	6568.0000	XLON	01503015000073795-E0fybTH5GOa820191030
J.P. Morgan Securities plc	30-Oct-2019 14:49:24	52	6568.0000	XLON	01503015000073334-E0fybTH5GOa420191030
J.P. Morgan Securities plc	30-Oct-2019 14:49:24	28	6568.0000	XLON	01503015000073334-E0fybTH5GOa220191030
J.P. Morgan Securities plc	30-Oct-2019 14:53:28	131	6570.0000	XLON	11503115000074727-E0fybTH5GSv420191030
J.P. Morgan Securities plc	30-Oct-2019 14:53:28	75	6570.0000	XLON	11503115000074727-E0fybTH5GSv220191030
J.P. Morgan Securities plc	30-Oct-2019 14:55:08	38	6570.0000	XLON	11503115000075006-E0fybTH5GUI520191030
J.P. Morgan Securities plc	30-Oct-2019 14:55:08	11	6570.0000	XLON	11503115000075006-E0fybTH5GUI320191030

J.P. Morgan Securities plc	30-Oct-2019 14:55:11	51	6568.0000	XLON	01503015000075009-E0fybTH5GUn020191030
J.P. Morgan Securities plc	30-Oct-2019 14:55:11	18	6568.0000	XLON	01503015000075009-E0fybTH5GUn220191030
J.P. Morgan Securities plc	30-Oct-2019 14:56:50	69	6568.0000	XLON	01503015000075125-E0fybTH5GWmc20191030
J.P. Morgan Securities plc	30-Oct-2019 14:56:50	111	6568.0000	XLON	01503015000075125-E0fybTH5GWme20191030
J.P. Morgan Securities plc	30-Oct-2019 15:00:21	44	6570.0000	XLON	11503115000075834-E0fybTH5Gaqe20191030
J.P. Morgan Securities plc	30-Oct-2019 15:00:21	42	6570.0000	XLON	11503115000075617-E0fybTH5GaqU20191030
J.P. Morgan Securities plc	30-Oct-2019 15:00:21	42	6570.0000	XLON	11503115000075682-E0fybTH5GaqW20191030
J.P. Morgan Securities plc	30-Oct-2019 15:00:21	41	6570.0000	XLON	01503015000075751-E0fybTH5Gaqqa20191030
J.P. Morgan Securities plc	30-Oct-2019 15:00:21	43	6570.0000	XLON	01503015000076018-E0fybTH5Gaqm20191030
J.P. Morgan Securities plc	30-Oct-2019 15:00:21	40	6570.0000	XLON	11503115000076025-E0fybTH5Gaqk20191030
J.P. Morgan Securities plc	30-Oct-2019 15:00:21	42	6570.0000	XLON	11503115000075891-E0fybTH5Gaqg20191030
J.P. Morgan Securities plc	30-Oct-2019 15:02:12	55	6570.0000	XLON	11503115000076310-E0fybTH5GdVF20191030
J.P. Morgan Securities plc	30-Oct-2019 15:02:12	72	6570.0000	XLON	11503115000076310-E0fybTH5GdVH20191030
J.P. Morgan Securities plc	30-Oct-2019 15:02:12	32	6570.0000	XLON	11503115000076310-E0fybTH5GdVJ20191030
J.P. Morgan Securities plc	30-Oct-2019 15:02:31	66	6570.0000	XLON	11503115000076346-E0fybTH5Gdys20191030
J.P. Morgan Securities plc	30-Oct-2019 15:03:01	56	6568.0000	XLON	01503015000076352-E0fybTH5GeXG20191030
J.P. Morgan Securities plc	30-Oct-2019 15:04:20	121	6568.0000	XLON	11503115000076492-E0fybTH5Gg4K20191030
J.P. Morgan Securities plc	30-Oct-2019 15:04:20	174	6568.0000	XLON	11503115000076492-E0fybTH5Gg4U20191030
J.P. Morgan Securities plc	30-Oct-2019 15:07:55	75	6570.0000	XLON	01503015000077055-E0fybTH5GjtM20191030
J.P. Morgan Securities plc	30-Oct-2019 15:07:55	202	6570.0000	XLON	01503015000077055-E0fybTH5GjtK20191030
J.P. Morgan Securities plc	30-Oct-2019 15:07:59	151	6568.0000	XLON	11503115000076973-E0fybTH5Gjwz20191030
J.P. Morgan Securities plc	30-Oct-2019 15:07:59	188	6568.0000	XLON	11503115000076628-E0fybTH5GjwS20191030
J.P. Morgan Securities plc	30-Oct-2019 15:13:22	200	6566.0000	XLON	11503115000077446-E0fybTH5GpTR20191030
J.P. Morgan Securities plc	30-Oct-2019 15:13:22	279	6568.0000	XLON	11503115000077563-E0fybTH5GpSr20191030
J.P. Morgan Securities plc	30-Oct-2019 15:13:22	77	6566.0000	XLON	01503015000077591-E0fybTH5GpTT20191030
J.P. Morgan Securities plc	30-Oct-2019 15:17:41	11	6562.0000	XLON	11503115000078127-E0fybTH5GvHU20191030
J.P. Morgan Securities plc	30-Oct-2019 15:19:12	172	6562.0000	XLON	01503015000078303-E0fybTH5Gx0c20191030
J.P. Morgan Securities plc	30-Oct-2019 15:19:12	76	6562.0000	XLON	11503115000078231-E0fybTH5Gx0a20191030
J.P. Morgan Securities plc	30-Oct-2019 15:19:12	172	6562.0000	XLON	11503115000078205-E0fybTH5Gx0W20191030
J.P. Morgan Securities plc	30-Oct-2019 15:19:12	220	6562.0000	XLON	01503015000078313-E0fybTH5Gx0g20191030
J.P. Morgan Securities plc	30-Oct-2019 15:19:12	113	6562.0000	XLON	01503015000078313-E0fybTH5Gx0e20191030
J.P. Morgan Securities plc	30-Oct-2019 15:24:34	174	6560.0000	XLON	01503015000078818-E0fybTH5H31g20191030
J.P. Morgan Securities plc	30-Oct-2019 15:29:08	28	6562.0000	XLON	11503115000079219-E0fybTH5H99G20191030
J.P. Morgan Securities plc	30-Oct-2019 15:29:08	68	6562.0000	XLON	11503115000079219-E0fybTH5H99I20191030
J.P. Morgan Securities plc	30-Oct-2019 15:29:08	23	6562.0000	XLON	11503115000079219-E0fybTH5H99E20191030
J.P. Morgan Securities plc	30-Oct-2019 15:29:08	256	6560.0000	XLON	01503015000079278-E0fybTH5H99r20191030
J.P. Morgan Securities plc	30-Oct-2019 15:29:08	48	6562.0000	XLON	11503115000079219-E0fybTH5H99K20191030
J.P. Morgan Securities plc	30-Oct-2019 15:30:52	102	6560.0000	XLON	01503015000079490-E0fybTH5HAym20191030
J.P. Morgan Securities plc	30-Oct-2019 15:35:12	47	6562.0000	XLON	11503115000080106-E0fybTH5HFoC20191030
J.P. Morgan Securities plc	30-Oct-2019 15:35:12	52	6562.0000	XLON	11503115000080123-E0fybTH5HFoE20191030
J.P. Morgan Securities plc	30-Oct-2019 15:35:12	46	6562.0000	XLON	01503015000080217-E0fybTH5HFoK20191030
J.P. Morgan Securities plc	30-Oct-2019 15:35:12	102	6562.0000	XLON	11503115000080144-E0fybTH5HFoI20191030
J.P. Morgan Securities plc	30-Oct-2019 15:35:12	53	6562.0000	XLON	01503015000080182-E0fybTH5HFoG20191030
J.P. Morgan Securities plc	30-Oct-2019 15:36:35	66	6560.0000	XLON	11503115000080173-E0fybTH5HHbY20191030
J.P. Morgan Securities plc	30-Oct-2019 15:38:18	85	6564.0000	XLON	01503015000080686-E0fybTH5HJru20191030
J.P. Morgan Securities plc	30-Oct-2019 15:38:18	175	6564.0000	XLON	01503015000080581-E0fybTH5HJrm20191030
J.P. Morgan Securities plc	30-Oct-2019 15:38:18	63	6564.0000	XLON	11503115000080630-E0fybTH5HJrs20191030
J.P. Morgan Securities plc	30-Oct-2019 15:38:33	43	6562.0000	XLON	11503115000080660-E0fybTH5HK3720191030
J.P. Morgan Securities plc	30-Oct-2019 15:40:39	122	6560.0000	XLON	11503115000080856-E0fybTH5HLv120191030
J.P. Morgan Securities plc	30-Oct-2019 15:45:05	19	6564.0000	XLON	11503115000081725-E0fybTH5HRvP20191030
J.P. Morgan Securities plc	30-Oct-2019 15:46:05	104	6566.0000	XLON	01503015000081989-E0fybTH5HSer20191030
J.P. Morgan Securities plc	30-Oct-2019 15:46:05	110	6566.0000	XLON	01503015000081989-E0fybTH5HSep20191030
J.P. Morgan Securities plc	30-Oct-2019 15:46:05	31	6566.0000	XLON	01503015000081989-E0fybTH5HSet20191030
J.P. Morgan Securities plc	30-Oct-2019 15:46:05	1	6566.0000	XLON	01503015000081989-E0fybTH5HSev20191030
J.P. Morgan Securities plc	30-Oct-2019 15:46:05	20	6566.0000	XLON	01503015000081989-E0fybTH5HSen20191030
J.P. Morgan Securities plc	30-Oct-2019 15:46:05	11	6566.0000	XLON	01503015000081989-E0fybTH5HSex20191030
J.P. Morgan Securities plc	30-Oct-2019 15:46:06	42	6566.0000	XLON	11503115000081955-E0fybTH5HSfS20191030
J.P. Morgan Securities plc	30-Oct-2019 15:46:06	159	6566.0000	XLON	11503115000081955-E0fybTH5HSfQ20191030
J.P. Morgan Securities plc	30-Oct-2019 15:47:34	170	6562.0000	XLON	01503015000082161-E0fybTH5HU0w20191030
J.P. Morgan Securities plc	30-Oct-2019 15:49:16	31	6564.0000	XLON	11503115000082265-E0fybTH5HVpm20191030
J.P. Morgan Securities plc	30-Oct-2019 15:49:16	187	6564.0000	XLON	01503015000082304-E0fybTH5HVpe20191030
J.P. Morgan Securities plc	30-Oct-2019 15:49:16	27	6564.0000	XLON	11503115000082258-E0fybTH5HVpi20191030
J.P. Morgan Securities plc	30-Oct-2019 15:49:16	182	6564.0000	XLON	11503115000082262-E0fybTH5HVpk20191030
J.P. Morgan Securities plc	30-Oct-2019 15:51:28	179	6562.0000	XLON	01503015000082483-E0fybTH5HYcE20191030
J.P. Morgan Securities plc	30-Oct-2019 15:55:04	135	6566.0000	XLON	01503015000082858-E0fybTH5HcP020191030
J.P. Morgan Securities plc	30-Oct-2019 15:55:16	60	6566.0000	XLON	01503015000082877-E0fybTH5Hch920191030
J.P. Morgan Securities plc	30-Oct-2019 16:01:32	170	6576.0000	XLON	01503015000084141-E0fybTH5HIH620191030
J.P. Morgan Securities plc	30-Oct-2019 16:01:32	31	6576.0000	XLON	01503015000084141-E0fybTH5HIH220191030
J.P. Morgan Securities plc	30-Oct-2019 16:01:32	11	6576.0000	XLON	01503015000084141-E0fybTH5HIH420191030
J.P. Morgan Securities plc	30-Oct-2019 16:01:40	458	6576.0000	XLON	11503115000084098-E0fybTH5HI0y20191030
J.P. Morgan Securities plc	30-Oct-2019 16:02:43	169	6574.0000	XLON	01503015000084275-E0fybTH5HnJV20191030
J.P. Morgan Securities plc	30-Oct-2019 16:02:59	29	6572.0000	XLON	01503015000084251-E0fybTH5Hndc20191030
J.P. Morgan Securities plc	30-Oct-2019 16:02:59	101	6572.0000	XLON	01503015000084251-E0fybTH5Hnda20191030
J.P. Morgan Securities plc	30-Oct-2019 16:05:12	81	6572.0000	XLON	01503015000084504-E0fybTH5Hqeg20191030
J.P. Morgan Securities plc	30-Oct-2019 16:06:41	75	6572.0000	XLON	01503015000084726-E0fybTH5HsKB20191030
J.P. Morgan Securities plc	30-Oct-2019 16:06:41	111	6572.0000	XLON	01503015000084726-E0fybTH5HsKD20191030
J.P. Morgan Securities plc	30-Oct-2019 16:06:41	306	6572.0000	XLON	11503115000084637-E0fybTH5HsJU20191030
J.P. Morgan Securities plc	30-Oct-2019 16:11:14	278	6572.0000	XLON	11503115000085865-E0fybTH5HxQ420191030
J.P. Morgan Securities plc	30-Oct-2019 16:11:14	167	6572.0000	XLON	11503115000085900-E0fybTH5HxQA20191030

J.P. Morgan Securities plc	30-Oct-2019 16:11:41	46	6568.0000	XLON	11503115000085878-E0fybTH5HxnF20191030
J.P. Morgan Securities plc	30-Oct-2019 16:14:30	28	6570.0000	XLON	01503015000086565-E0fybTH5I1RI20191030
J.P. Morgan Securities plc	30-Oct-2019 16:14:33	126	6570.0000	XLON	11503115000086526-E0fybTH5I1WI20191030
J.P. Morgan Securities plc	30-Oct-2019 16:15:48	75	6570.0000	XLON	11503115000086980-E0fybTH5I3NH20191030
J.P. Morgan Securities plc	30-Oct-2019 16:15:48	25	6570.0000	XLON	11503115000086980-E0fybTH5I3NJ20191030
J.P. Morgan Securities plc	30-Oct-2019 16:17:50	97	6576.0000	XLON	11503115000087805-E0fybTH5I5m220191030
J.P. Morgan Securities plc	30-Oct-2019 16:17:50	52	6576.0000	XLON	11503115000087805-E0fybTH5I5m020191030
J.P. Morgan Securities plc	30-Oct-2019 16:19:11	150	6580.0000	XLON	01503015000088121-E0fybTH5I7hi20191030
J.P. Morgan Securities plc	30-Oct-2019 16:20:33	148	6584.0000	XLON	11503115000088383-E0fybTH5I9oE20191030
J.P. Morgan Securities plc	30-Oct-2019 16:21:58	150	6584.0000	XLON	11503115000088656-E0fybTH5IBxm20191030
J.P. Morgan Securities plc	30-Oct-2019 16:23:01	53	6584.0000	XLON	01503015000088930-E0fybTH5IDAF20191030
J.P. Morgan Securities plc	30-Oct-2019 16:23:39	101	6584.0000	XLON	11503115000089065-E0fybTH5IE2A20191030
J.P. Morgan Securities plc	30-Oct-2019 16:24:13	41	6588.0000	XLON	11503115000089143-E0fybTH5IEsM20191030
J.P. Morgan Securities plc	30-Oct-2019 16:24:40	62	6586.0000	XLON	01503015000089205-E0fybTH5IFS620191030
J.P. Morgan Securities plc	30-Oct-2019 16:24:40	61	6586.0000	XLON	01503015000089183-E0fybTH5IFRy20191030
J.P. Morgan Securities plc	30-Oct-2019 16:24:40	62	6586.0000	XLON	11503115000089135-E0fybTH5IFS820191030
J.P. Morgan Securities plc	30-Oct-2019 16:25:19	18	6590.0000	XLON	11503115000089313-E0fybTH5IGdB20191030
J.P. Morgan Securities plc	30-Oct-2019 16:25:19	84	6590.0000	XLON	11503115000089313-E0fybTH5IGdF20191030
J.P. Morgan Securities plc	30-Oct-2019 16:25:19	53	6590.0000	XLON	11503115000089313-E0fybTH5IGd620191030
J.P. Morgan Securities plc	30-Oct-2019 16:27:10	65	6596.0000	XLON	01503015000089697-E0fybTH5IjIk20191030
J.P. Morgan Securities plc	30-Oct-2019 16:27:10	36	6596.0000	XLON	01503015000089697-E0fybTH5IjIM20191030
J.P. Morgan Securities plc	30-Oct-2019 16:27:28	44	6596.0000	XLON	01503015000089745-E0fybTH5IKS220191030
J.P. Morgan Securities plc	30-Oct-2019 16:29:10	26	6600.0000	XLON	01503015000090099-E0fybTH5IOFA20191030
J.P. Morgan Securities plc	30-Oct-2019 16:29:10	120	6600.0000	XLON	01503015000090099-E0fybTH5IOF820191030
J.P. Morgan Securities plc	30-Oct-2019 16:29:56	209	6596.0000	XLON	11503115000090185-E0fybTH5IQHW20191030
J.P. Morgan Securities plc	30-Oct-2019 16:29:57	47	6596.0000	XLON	11503115000090185-E0fybTH5IQHY20191030
J.P. Morgan Securities plc	30-Oct-2019 16:29:57	57	6596.0000	XLON	01503015000090241-E0fybTH5IQHL20191030