

Broker	Transaction Date and Time	Volume	Price (GBP)	Platform	Transaction Reference Number
J.P. Morgan Securities plc	08-Nov-2019 08:05:51	143	6700.0000	XLON	01503015000003761-E0g586cQqr8420191108
J.P. Morgan Securities plc	08-Nov-2019 08:06:18	102	6694.0000	XLON	11503115000003769-E0g586cQqt1a20191108
J.P. Morgan Securities plc	08-Nov-2019 08:07:23	12	6688.0000	XLON	11503115000004489-E0g586cQqwTL20191108
J.P. Morgan Securities plc	08-Nov-2019 08:07:23	99	6688.0000	XLON	11503115000004489-E0g586cQqwTJ20191108
J.P. Morgan Securities plc	08-Nov-2019 08:07:46	75	6688.0000	XLON	01503015000004808-E0g586cQqxQh20191108
J.P. Morgan Securities plc	08-Nov-2019 08:09:21	33	6692.0000	XLON	01503015000005650-E0g586cQr19a20191108
J.P. Morgan Securities plc	08-Nov-2019 08:09:25	143	6692.0000	XLON	01503015000005650-E0g586cQr1HY20191108
J.P. Morgan Securities plc	08-Nov-2019 08:09:43	8	6690.0000	XLON	11503115000005553-E0g586cQr1qe20191108
J.P. Morgan Securities plc	08-Nov-2019 08:09:43	20	6690.0000	XLON	11503115000005553-E0g586cQr1qg20191108
J.P. Morgan Securities plc	08-Nov-2019 08:09:59	9	6690.0000	XLON	11503115000005553-E0g586cQr2Dd20191108
J.P. Morgan Securities plc	08-Nov-2019 08:12:03	11	6702.0000	XLON	01503015000006758-E0g586cQr6Vw20191108
J.P. Morgan Securities plc	08-Nov-2019 08:12:03	44	6702.0000	XLON	01503015000006627-E0g586cQr6Vs20191108
J.P. Morgan Securities plc	08-Nov-2019 08:15:03	75	6696.0000	XLON	11503115000007777-E0g586cQrCGy20191108
J.P. Morgan Securities plc	08-Nov-2019 08:15:03	71	6698.0000	XLON	11503115000007777-E0g586cQrCH020191108
J.P. Morgan Securities plc	08-Nov-2019 08:15:30	17	6696.0000	XLON	01503015000007947-E0g586cQrDVd20191108
J.P. Morgan Securities plc	08-Nov-2019 08:15:30	27	6696.0000	XLON	01503015000007947-E0g586cQrDVf20191108
J.P. Morgan Securities plc	08-Nov-2019 08:16:26	20	6690.0000	XLON	11503115000007949-E0g586cQrGSN20191108
J.P. Morgan Securities plc	08-Nov-2019 08:16:26	4	6690.0000	XLON	11503115000007949-E0g586cQrGSL20191108
J.P. Morgan Securities plc	08-Nov-2019 08:16:26	28	6690.0000	XLON	11503115000007949-E0g586cQrGSR20191108
J.P. Morgan Securities plc	08-Nov-2019 08:17:10	75	6690.0000	XLON	11503115000008617-E0g586cQrI0V20191108
J.P. Morgan Securities plc	08-Nov-2019 08:18:48	75	6694.0000	XLON	01503015000009360-E0g586cQrLmQ20191108
J.P. Morgan Securities plc	08-Nov-2019 08:18:48	24	6694.0000	XLON	01503015000009361-E0g586cQrLmc20191108
J.P. Morgan Securities plc	08-Nov-2019 08:18:48	5	6694.0000	XLON	01503015000009351-E0g586cQrLIF20191108
J.P. Morgan Securities plc	08-Nov-2019 08:18:48	92	6694.0000	XLON	11503115000009354-E0g586cQrLmm20191108
J.P. Morgan Securities plc	08-Nov-2019 08:18:48	71	6694.0000	XLON	01503015000009330-E0g586cQrLIB20191108
J.P. Morgan Securities plc	08-Nov-2019 08:18:48	31	6694.0000	XLON	01503015000009345-E0g586cQrLID20191108
J.P. Morgan Securities plc	08-Nov-2019 08:18:48	25	6694.0000	XLON	11503115000009317-E0g586cQrLI920191108
J.P. Morgan Securities plc	08-Nov-2019 08:18:48	44	6694.0000	XLON	11503115000009313-E0g586cQrLI520191108
J.P. Morgan Securities plc	08-Nov-2019 08:18:48	70	6694.0000	XLON	11503115000009317-E0g586cQrLI720191108
J.P. Morgan Securities plc	08-Nov-2019 08:18:48	44	6694.0000	XLON	11503115000009345-E0g586cQrLIH20191108
J.P. Morgan Securities plc	08-Nov-2019 08:21:55	184	6696.0000	XLON	01503015000010512-E0g586cQrRh620191108
J.P. Morgan Securities plc	08-Nov-2019 08:22:01	26	6694.0000	XLON	01503015000010598-E0g586cQrSDp20191108
J.P. Morgan Securities plc	08-Nov-2019 08:22:01	18	6694.0000	XLON	01503015000010598-E0g586cQrSGD20191108
J.P. Morgan Securities plc	08-Nov-2019 08:23:50	9	6694.0000	XLON	01503015000011267-E0g586cQrVeE20191108
J.P. Morgan Securities plc	08-Nov-2019 08:24:24	31	6694.0000	XLON	01503015000011267-E0g586cQrWyn20191108
J.P. Morgan Securities plc	08-Nov-2019 08:26:38	56	6696.0000	XLON	11503115000011999-E0g586cQrbGI20191108
J.P. Morgan Securities plc	08-Nov-2019 08:26:38	62	6696.0000	XLON	01503015000012109-E0g586cQrbGp20191108
J.P. Morgan Securities plc	08-Nov-2019 08:26:38	53	6696.0000	XLON	01503015000012088-E0g586cQrbGn20191108
J.P. Morgan Securities plc	08-Nov-2019 08:27:56	27	6702.0000	XLON	01503015000012478-E0g586cQrdJa20191108
J.P. Morgan Securities plc	08-Nov-2019 08:27:56	73	6702.0000	XLON	11503115000012470-E0g586cQrdJH20191108
J.P. Morgan Securities plc	08-Nov-2019 08:27:57	62	6702.0000	XLON	01503015000012478-E0g586cQrdO620191108
J.P. Morgan Securities plc	08-Nov-2019 08:29:31	75	6696.0000	XLON	01503015000012983-E0g586cQrgPC20191108
J.P. Morgan Securities plc	08-Nov-2019 08:29:35	58	6696.0000	XLON	11503115000013005-E0g586cQrgZD20191108
J.P. Morgan Securities plc	08-Nov-2019 08:31:11	27	6702.0000	XLON	11503115000013594-E0g586cQrjsF20191108
J.P. Morgan Securities plc	08-Nov-2019 08:31:11	47	6702.0000	XLON	01503015000013601-E0g586cQrjs120191108
J.P. Morgan Securities plc	08-Nov-2019 08:31:14	44	6702.0000	XLON	01503015000013602-E0g586cQrjxW20191108
J.P. Morgan Securities plc	08-Nov-2019 08:31:14	43	6702.0000	XLON	11503115000013594-E0g586cQrjxU20191108
J.P. Morgan Securities plc	08-Nov-2019 08:31:40	19	6700.0000	XLON	11503115000013583-E0g586cQrkvz20191108
J.P. Morgan Securities plc	08-Nov-2019 08:32:20	14	6700.0000	XLON	01503015000013593-E0g586cQrmCz20191108
J.P. Morgan Securities plc	08-Nov-2019 08:32:20	28	6700.0000	XLON	11503115000013583-E0g586cQrmCv20191108
J.P. Morgan Securities plc	08-Nov-2019 08:32:20	2	6700.0000	XLON	11503115000013583-E0g586cQrmCx20191108
J.P. Morgan Securities plc	08-Nov-2019 08:32:20	32	6700.0000	XLON	01503015000013593-E0g586cQrmD420191108
J.P. Morgan Securities plc	08-Nov-2019 08:32:20	41	6700.0000	XLON	11503115000013768-E0g586cQrmDA20191108
J.P. Morgan Securities plc	08-Nov-2019 08:32:51	40	6696.0000	XLON	01503015000014179-E0g586cQrm8m20191108
J.P. Morgan Securities plc	08-Nov-2019 08:34:37	1	6698.0000	XLON	11503115000014596-E0g586cQrpYS20191108
J.P. Morgan Securities plc	08-Nov-2019 08:34:37	18	6698.0000	XLON	11503115000014596-E0g586cQrpYd20191108
J.P. Morgan Securities plc	08-Nov-2019 08:34:37	43	6698.0000	XLON	01503015000014607-E0g586cQrpYQ20191108
J.P. Morgan Securities plc	08-Nov-2019 08:34:37	20	6698.0000	XLON	01503015000014607-E0g586cQrpYO20191108
J.P. Morgan Securities plc	08-Nov-2019 08:34:37	23	6698.0000	XLON	11503115000014596-E0g586cQrpYa20191108
J.P. Morgan Securities plc	08-Nov-2019 08:34:37	18	6698.0000	XLON	01503015000014607-E0g586cQrpYK20191108
J.P. Morgan Securities plc	08-Nov-2019 08:38:48	25	6704.0000	XLON	01503015000015759-E0g586cQrvPA20191108
J.P. Morgan Securities plc	08-Nov-2019 08:38:48	35	6704.0000	XLON	01503015000015759-E0g586cQrvP420191108
J.P. Morgan Securities plc	08-Nov-2019 08:39:56	95	6704.0000	XLON	11503115000015930-E0g586cQrx0520191108
J.P. Morgan Securities plc	08-Nov-2019 08:39:56	33	6704.0000	XLON	11503115000015930-E0g586cQrx0820191108
J.P. Morgan Securities plc	08-Nov-2019 08:41:18	142	6702.0000	XLON	01503015000016461-E0g586cQs0KB20191108
J.P. Morgan Securities plc	08-Nov-2019 08:42:53	142	6704.0000	XLON	01503015000016791-E0g586cQs2Ju20191108
J.P. Morgan Securities plc	08-Nov-2019 08:44:40	155	6702.0000	XLON	01503015000017193-E0g586cQs4Mx20191108
J.P. Morgan Securities plc	08-Nov-2019 08:44:40	13	6704.0000	XLON	01503015000017206-E0g586cQs4Mm20191108
J.P. Morgan Securities plc	08-Nov-2019 08:44:40	88	6702.0000	XLON	11503115000017181-E0g586cQs4Nc20191108
J.P. Morgan Securities plc	08-Nov-2019 08:46:00	42	6702.0000	XLON	11503115000017551-E0g586cQs6N820191108
J.P. Morgan Securities plc	08-Nov-2019 08:46:00	81	6702.0000	XLON	11503115000017551-E0g586cQs6N420191108
J.P. Morgan Securities plc	08-Nov-2019 08:46:00	3	6702.0000	XLON	11503115000017551-E0g586cQs6NA20191108
J.P. Morgan Securities plc	08-Nov-2019 08:46:00	75	6702.0000	XLON	11503115000017551-E0g586cQs6N620191108
J.P. Morgan Securities plc	08-Nov-2019 08:46:27	241	6700.0000	XLON	01503015000017424-E0g586cQs6ql20191108
J.P. Morgan Securities plc	08-Nov-2019 08:47:53	122	6700.0000	XLON	11503115000018000-E0g586cQs8iK20191108
J.P. Morgan Securities plc	08-Nov-2019 08:48:10	102	6698.0000	XLON	11503115000017849-E0g586cQs9CS20191108
J.P. Morgan Securities plc	08-Nov-2019 08:50:52	158	6698.0000	XLON	01503015000019115-E0g586cQsCzT20191108
J.P. Morgan Securities plc	08-Nov-2019 08:53:01	169	6696.0000	XLON	11503115000019082-E0g586cQsFbd20191108

J.P. Morgan Securities plc	08-Nov-2019 08:56:00	58	6698.0000	XLON	01503015000020507-E0g586cQsJvf20191108
J.P. Morgan Securities plc	08-Nov-2019 08:56:00	106	6698.0000	XLON	11503115000020345-E0g586cQsJvT20191108
J.P. Morgan Securities plc	08-Nov-2019 08:57:55	10	6698.0000	XLON	01503015000021119-E0g586cQsMot20191108
J.P. Morgan Securities plc	08-Nov-2019 08:58:11	193	6698.0000	XLON	01503015000021186-E0g586cQsNEI20191108
J.P. Morgan Securities plc	08-Nov-2019 08:58:46	16	6696.0000	XLON	11503115000021144-E0g586cQsO8c20191108
J.P. Morgan Securities plc	08-Nov-2019 08:58:46	11	6696.0000	XLON	11503115000021144-E0g586cQsO8X20191108
J.P. Morgan Securities plc	08-Nov-2019 08:58:46	27	6696.0000	XLON	11503115000021144-E0g586cQsO8Z20191108
J.P. Morgan Securities plc	08-Nov-2019 08:58:50	20	6696.0000	XLON	11503115000021319-E0g586cQsOIW20191108
J.P. Morgan Securities plc	08-Nov-2019 09:02:06	43	6696.0000	XLON	11503115000022085-E0g586cQsTQy20191108
J.P. Morgan Securities plc	08-Nov-2019 09:02:06	40	6696.0000	XLON	01503015000022000-E0g586cQsTQu20191108
J.P. Morgan Securities plc	08-Nov-2019 09:02:06	5	6696.0000	XLON	11503115000022173-E0g586cQsTR020191108
J.P. Morgan Securities plc	08-Nov-2019 09:02:06	12	6696.0000	XLON	11503115000022011-E0g586cQsTQw20191108
J.P. Morgan Securities plc	08-Nov-2019 09:03:23	128	6696.0000	XLON	11503115000022576-E0g586cQsUwQ20191108
J.P. Morgan Securities plc	08-Nov-2019 09:05:37	102	6696.0000	XLON	01503015000023153-E0g586cQsXGI20191108
J.P. Morgan Securities plc	08-Nov-2019 09:08:41	40	6700.0000	XLON	01503015000023591-E0g586cQsamM20191108
J.P. Morgan Securities plc	08-Nov-2019 09:08:41	24	6700.0000	XLON	01503015000023551-E0g586cQsamK20191108
J.P. Morgan Securities plc	08-Nov-2019 09:11:12	57	6706.0000	XLON	01503015000024566-E0g586cQseEt20191108
J.P. Morgan Securities plc	08-Nov-2019 09:11:12	40	6706.0000	XLON	01503015000024648-E0g586cQseEx20191108
J.P. Morgan Securities plc	08-Nov-2019 09:11:12	83	6706.0000	XLON	11503115000024533-E0g586cQseEr20191108
J.P. Morgan Securities plc	08-Nov-2019 09:12:26	77	6706.0000	XLON	11503115000024878-E0g586cQsftT20191108
J.P. Morgan Securities plc	08-Nov-2019 09:12:26	52	6706.0000	XLON	11503115000024878-E0g586cQsftV20191108
J.P. Morgan Securities plc	08-Nov-2019 09:14:18	58	6710.0000	XLON	11503115000025291-E0g586cQsi1H20191108
J.P. Morgan Securities plc	08-Nov-2019 09:14:18	40	6710.0000	XLON	01503015000025347-E0g586cQsi1L20191108
J.P. Morgan Securities plc	08-Nov-2019 09:14:18	69	6710.0000	XLON	11503115000025291-E0g586cQsi1J20191108
J.P. Morgan Securities plc	08-Nov-2019 09:15:29	109	6710.0000	XLON	11503115000025559-E0g586cQsjQz20191108
J.P. Morgan Securities plc	08-Nov-2019 09:16:36	40	6710.0000	XLON	11503115000025743-E0g586cQskSM20191108
J.P. Morgan Securities plc	08-Nov-2019 09:17:23	40	6712.0000	XLON	01503015000025907-E0g586cQsl5a20191108
J.P. Morgan Securities plc	08-Nov-2019 09:17:23	88	6712.0000	XLON	11503115000025850-E0g586cQsl5W20191108
J.P. Morgan Securities plc	08-Nov-2019 09:22:24	7	6714.0000	XLON	11503115000026803-E0g586cQsqfO20191108
J.P. Morgan Securities plc	08-Nov-2019 09:26:24	45	6724.0000	XLON	11503115000027934-E0g586cQsvDs20191108
J.P. Morgan Securities plc	08-Nov-2019 09:26:24	63	6724.0000	XLON	11503115000027932-E0g586cQsvDb20191108
J.P. Morgan Securities plc	08-Nov-2019 09:26:24	55	6724.0000	XLON	01503015000027973-E0g586cQsvDi20191108
J.P. Morgan Securities plc	08-Nov-2019 09:26:24	40	6724.0000	XLON	01503015000027975-E0g586cQsvDu20191108
J.P. Morgan Securities plc	08-Nov-2019 09:26:24	40	6724.0000	XLON	11503115000027935-E0g586cQsvE220191108
J.P. Morgan Securities plc	08-Nov-2019 09:27:37	128	6726.0000	XLON	01503015000028162-E0g586cQswfY20191108
J.P. Morgan Securities plc	08-Nov-2019 09:29:13	30	6726.0000	XLON	11503115000028434-E0g586cQsyRE20191108
J.P. Morgan Securities plc	08-Nov-2019 09:29:13	22	6726.0000	XLON	11503115000028434-E0g586cQsyRG20191108
J.P. Morgan Securities plc	08-Nov-2019 09:29:13	75	6726.0000	XLON	11503115000028434-E0g586cQsyRC20191108
J.P. Morgan Securities plc	08-Nov-2019 09:30:49	102	6726.0000	XLON	01503015000028712-E0g586cQt0Js20191108
J.P. Morgan Securities plc	08-Nov-2019 09:30:49	25	6726.0000	XLON	01503015000028712-E0g586cQt0Ju20191108
J.P. Morgan Securities plc	08-Nov-2019 09:33:09	41	6722.0000	XLON	11503115000029280-E0g586cQt3eg20191108
J.P. Morgan Securities plc	08-Nov-2019 09:33:09	190	6722.0000	XLON	11503115000029259-E0g586cQt3ea20191108
J.P. Morgan Securities plc	08-Nov-2019 09:33:09	193	6722.0000	XLON	01503015000029296-E0g586cQt3ee20191108
J.P. Morgan Securities plc	08-Nov-2019 09:33:09	53	6722.0000	XLON	01503015000029281-E0g586cQt3ec20191108
J.P. Morgan Securities plc	08-Nov-2019 09:36:18	36	6716.0000	XLON	11503115000030166-E0g586cQt7aE20191108
J.P. Morgan Securities plc	08-Nov-2019 09:36:18	56	6716.0000	XLON	11503115000030166-E0g586cQt7aC20191108
J.P. Morgan Securities plc	08-Nov-2019 09:36:18	75	6716.0000	XLON	11503115000030166-E0g586cQt7aG20191108
J.P. Morgan Securities plc	08-Nov-2019 09:42:37	127	6722.0000	XLON	01503015000031794-E0g586cQtEZ920191108
J.P. Morgan Securities plc	08-Nov-2019 09:44:16	24	6722.0000	XLON	01503015000032182-E0g586cQtG8M20191108
J.P. Morgan Securities plc	08-Nov-2019 09:44:16	60	6722.0000	XLON	01503015000032182-E0g586cQtG8J20191108
J.P. Morgan Securities plc	08-Nov-2019 09:47:08	75	6720.0000	XLON	01503015000032845-E0g586cQtJ4n20191108
J.P. Morgan Securities plc	08-Nov-2019 09:47:08	39	6720.0000	XLON	01503015000032836-E0g586cQtJ4j20191108
J.P. Morgan Securities plc	08-Nov-2019 09:47:08	241	6720.0000	XLON	01503015000032955-E0g586cQtJ5120191108
J.P. Morgan Securities plc	08-Nov-2019 09:47:08	165	6720.0000	XLON	01503015000032836-E0g586cQtJ4f20191108
J.P. Morgan Securities plc	08-Nov-2019 09:47:08	1	6720.0000	XLON	11503115000032806-E0g586cQtJ4l20191108
J.P. Morgan Securities plc	08-Nov-2019 09:49:04	76	6722.0000	XLON	11503115000033278-E0g586cQtLHJ20191108
J.P. Morgan Securities plc	08-Nov-2019 09:49:04	92	6722.0000	XLON	11503115000033278-E0g586cQtLHF20191108
J.P. Morgan Securities plc	08-Nov-2019 09:49:04	123	6722.0000	XLON	11503115000033348-E0g586cQtLHP20191108
J.P. Morgan Securities plc	08-Nov-2019 09:53:26	28	6722.0000	XLON	01503015000034283-E0g586cQtP1g20191108
J.P. Morgan Securities plc	08-Nov-2019 09:53:26	70	6722.0000	XLON	01503015000034283-E0g586cQtP1i20191108
J.P. Morgan Securities plc	08-Nov-2019 09:53:26	22	6722.0000	XLON	01503015000034283-E0g586cQtP1k20191108
J.P. Morgan Securities plc	08-Nov-2019 09:54:05	54	6724.0000	XLON	11503115000034349-E0g586cQtPjh20191108
J.P. Morgan Securities plc	08-Nov-2019 09:54:16	50	6722.0000	XLON	01503015000034348-E0g586cQtPsC20191108
J.P. Morgan Securities plc	08-Nov-2019 09:55:30	60	6720.0000	XLON	11503115000034614-E0g586cQtQgB20191108
J.P. Morgan Securities plc	08-Nov-2019 09:57:10	24	6720.0000	XLON	11503115000034884-E0g586cQtRvh20191108
J.P. Morgan Securities plc	08-Nov-2019 09:57:10	68	6720.0000	XLON	11503115000034884-E0g586cQtRvj20191108
J.P. Morgan Securities plc	08-Nov-2019 09:57:10	75	6720.0000	XLON	11503115000034884-E0g586cQtRvf20191108
J.P. Morgan Securities plc	08-Nov-2019 10:02:40	6	6722.0000	XLON	11503115000035781-E0g586cQtW6a20191108
J.P. Morgan Securities plc	08-Nov-2019 10:02:40	5	6722.0000	XLON	11503115000035781-E0g586cQtW6Y20191108
J.P. Morgan Securities plc	08-Nov-2019 10:02:40	16	6722.0000	XLON	01503015000035802-E0g586cQtW6e20191108
J.P. Morgan Securities plc	08-Nov-2019 10:02:40	7	6722.0000	XLON	01503015000035802-E0g586cQtW6c20191108
J.P. Morgan Securities plc	08-Nov-2019 10:02:40	20	6722.0000	XLON	01503015000035802-E0g586cQtW6g20191108
J.P. Morgan Securities plc	08-Nov-2019 10:02:40	141	6722.0000	XLON	01503015000035796-E0g586cQtW6P20191108
J.P. Morgan Securities plc	08-Nov-2019 10:02:40	144	6722.0000	XLON	01503015000035808-E0g586cQtW6k20191108
J.P. Morgan Securities plc	08-Nov-2019 10:02:40	16	6722.0000	XLON	01503015000035802-E0g586cQtW6i20191108
J.P. Morgan Securities plc	08-Nov-2019 10:02:40	4	6722.0000	XLON	11503115000035781-E0g586cQtW6R20191108
J.P. Morgan Securities plc	08-Nov-2019 10:04:20	97	6720.0000	XLON	01503015000036060-E0g586cQtXn320191108
J.P. Morgan Securities plc	08-Nov-2019 10:04:20	17	6720.0000	XLON	01503015000036060-E0g586cQtXn520191108
J.P. Morgan Securities plc	08-Nov-2019 10:06:27	35	6718.0000	XLON	11503115000036249-E0g586cQtZII20191108

J.P. Morgan Securities plc	08-Nov-2019 10:06:27	5	6718.0000	XLON	11503115000036249-E0g586cQtZlp20191108
J.P. Morgan Securities plc	08-Nov-2019 10:07:10	26	6718.0000	XLON	11503115000036469-E0g586cQtZkp20191108
J.P. Morgan Securities plc	08-Nov-2019 10:07:10	60	6718.0000	XLON	11503115000036469-E0g586cQtZkn20191108
J.P. Morgan Securities plc	08-Nov-2019 10:11:23	176	6720.0000	XLON	01503015000037016-E0g586cQtdXz20191108
J.P. Morgan Securities plc	08-Nov-2019 10:11:23	162	6720.0000	XLON	01503015000037057-E0g586cQtdY120191108
J.P. Morgan Securities plc	08-Nov-2019 10:16:03	41	6722.0000	XLON	01503015000037865-E0g586cQtiJr20191108
J.P. Morgan Securities plc	08-Nov-2019 10:17:10	13	6722.0000	XLON	11503115000038040-E0g586cQtjN720191108
J.P. Morgan Securities plc	08-Nov-2019 10:17:10	27	6722.0000	XLON	11503115000038040-E0g586cQtjN520191108
J.P. Morgan Securities plc	08-Nov-2019 10:20:13	49	6720.0000	XLON	11503115000038602-E0g586cQtm6O20191108
J.P. Morgan Securities plc	08-Nov-2019 10:20:13	25	6720.0000	XLON	11503115000038602-E0g586cQtm6K20191108
J.P. Morgan Securities plc	08-Nov-2019 10:20:13	52	6720.0000	XLON	11503115000038602-E0g586cQtm6M20191108
J.P. Morgan Securities plc	08-Nov-2019 10:22:40	75	6720.0000	XLON	01503015000039053-E0g586cQto9q20191108
J.P. Morgan Securities plc	08-Nov-2019 10:22:55	59	6720.0000	XLON	11503115000039083-E0g586cQtoRv20191108
J.P. Morgan Securities plc	08-Nov-2019 10:24:13	55	6722.0000	XLON	11503115000039279-E0g586cQtpoF20191108
J.P. Morgan Securities plc	08-Nov-2019 10:24:13	37	6722.0000	XLON	11503115000039279-E0g586cQtpoD20191108
J.P. Morgan Securities plc	08-Nov-2019 10:25:45	11	6722.0000	XLON	11503115000039542-E0g586cQtrbb20191108
J.P. Morgan Securities plc	08-Nov-2019 10:25:45	13	6722.0000	XLON	11503115000039542-E0g586cQtrbX20191108
J.P. Morgan Securities plc	08-Nov-2019 10:25:45	68	6722.0000	XLON	11503115000039542-E0g586cQtrbd20191108
J.P. Morgan Securities plc	08-Nov-2019 10:25:45	15	6722.0000	XLON	11503115000039542-E0g586cQtrbZ20191108
J.P. Morgan Securities plc	08-Nov-2019 10:27:10	14	6722.0000	XLON	01503015000039768-E0g586cQtsHJ20191108
J.P. Morgan Securities plc	08-Nov-2019 10:28:50	24	6720.0000	XLON	01503015000040055-E0g586cQtu5120191108
J.P. Morgan Securities plc	08-Nov-2019 10:30:05	42	6720.0000	XLON	11503115000040114-E0g586cQtvAq20191108
J.P. Morgan Securities plc	08-Nov-2019 10:30:05	75	6722.0000	XLON	01503015000040290-E0g586cQtvAR20191108
J.P. Morgan Securities plc	08-Nov-2019 10:30:05	9	6722.0000	XLON	01503015000040290-E0g586cQtvAN20191108
J.P. Morgan Securities plc	08-Nov-2019 10:30:05	9	6722.0000	XLON	01503015000040290-E0g586cQtvAL20191108
J.P. Morgan Securities plc	08-Nov-2019 10:30:05	89	6720.0000	XLON	11503115000040114-E0g586cQtvAn20191108
J.P. Morgan Securities plc	08-Nov-2019 10:30:05	10	6722.0000	XLON	01503015000040290-E0g586cQtvAP20191108
J.P. Morgan Securities plc	08-Nov-2019 10:32:00	56	6718.0000	XLON	01503015000040588-E0g586cQtxDj20191108
J.P. Morgan Securities plc	08-Nov-2019 10:38:50	34	6720.0000	XLON	11503115000041564-E0g586cQu2BM20191108
J.P. Morgan Securities plc	08-Nov-2019 10:38:53	88	6720.0000	XLON	01503015000041558-E0g586cQu2DM20191108
J.P. Morgan Securities plc	08-Nov-2019 10:41:00	75	6720.0000	XLON	11503115000041848-E0g586cQu45s20191108
J.P. Morgan Securities plc	08-Nov-2019 10:41:15	75	6720.0000	XLON	11503115000041891-E0g586cQu4JH20191108
J.P. Morgan Securities plc	08-Nov-2019 10:42:10	28	6720.0000	XLON	11503115000042093-E0g586cQu5dR20191108
J.P. Morgan Securities plc	08-Nov-2019 10:42:10	75	6720.0000	XLON	11503115000042093-E0g586cQu5dP20191108
J.P. Morgan Securities plc	08-Nov-2019 10:43:10	41	6720.0000	XLON	11503115000042230-E0g586cQu6lA20191108
J.P. Morgan Securities plc	08-Nov-2019 10:43:50	60	6720.0000	XLON	11503115000042287-E0g586cQu6ar20191108
J.P. Morgan Securities plc	08-Nov-2019 10:43:50	34	6720.0000	XLON	11503115000042287-E0g586cQu6ap20191108
J.P. Morgan Securities plc	08-Nov-2019 10:45:30	41	6720.0000	XLON	11503115000042616-E0g586cQu8YT20191108
J.P. Morgan Securities plc	08-Nov-2019 10:48:50	40	6722.0000	XLON	01503015000042970-E0g586cQuBL720191108
J.P. Morgan Securities plc	08-Nov-2019 10:49:30	48	6718.0000	XLON	11503115000042981-E0g586cQuCAE20191108
J.P. Morgan Securities plc	08-Nov-2019 10:51:48	30	6720.0000	XLON	11503115000043297-E0g586cQuFSc20191108
J.P. Morgan Securities plc	08-Nov-2019 10:51:48	15	6720.0000	XLON	11503115000043297-E0g586cQuFSe20191108
J.P. Morgan Securities plc	08-Nov-2019 10:51:48	20	6720.0000	XLON	11503115000043297-E0g586cQuFSa20191108
J.P. Morgan Securities plc	08-Nov-2019 10:54:11	2	6720.0000	XLON	11503115000043638-E0g586cQuHz320191108
J.P. Morgan Securities plc	08-Nov-2019 10:54:11	38	6720.0000	XLON	01503015000043575-E0g586cQuHyz20191108
J.P. Morgan Securities plc	08-Nov-2019 10:54:11	2	6720.0000	XLON	11503115000043638-E0g586cQuHzv20191108
J.P. Morgan Securities plc	08-Nov-2019 10:54:11	106	6720.0000	XLON	01503015000043542-E0g586cQuHyx20191108
J.P. Morgan Securities plc	08-Nov-2019 10:54:11	38	6720.0000	XLON	01503015000043502-E0g586cQuHyv20191108
J.P. Morgan Securities plc	08-Nov-2019 10:54:11	16	6720.0000	XLON	11503115000043613-E0g586cQuHz120191108
J.P. Morgan Securities plc	08-Nov-2019 10:54:11	106	6720.0000	XLON	11503115000043471-E0g586cQuHyt20191108
J.P. Morgan Securities plc	08-Nov-2019 10:57:54	39	6720.0000	XLON	11503115000044179-E0g586cQuMZq20191108
J.P. Morgan Securities plc	08-Nov-2019 10:57:54	2	6720.0000	XLON	11503115000044179-E0g586cQuMZs20191108
J.P. Morgan Securities plc	08-Nov-2019 10:59:31	59	6720.0000	XLON	11503115000044373-E0g586cQuOiN20191108
J.P. Morgan Securities plc	08-Nov-2019 11:01:05	40	6720.0000	XLON	01503015000044534-E0g586cQuQeR20191108
J.P. Morgan Securities plc	08-Nov-2019 11:01:21	11	6720.0000	XLON	11503115000044560-E0g586cQuQyb20191108
J.P. Morgan Securities plc	08-Nov-2019 11:01:21	26	6720.0000	XLON	11503115000044560-E0g586cQuQyd20191108
J.P. Morgan Securities plc	08-Nov-2019 11:01:21	11	6720.0000	XLON	11503115000044560-E0g586cQuQyf20191108
J.P. Morgan Securities plc	08-Nov-2019 11:03:10	131	6720.0000	XLON	01503015000044780-E0g586cQuSLZ20191108
J.P. Morgan Securities plc	08-Nov-2019 11:03:10	6	6720.0000	XLON	01503015000044780-E0g586cQuSLc20191108
J.P. Morgan Securities plc	08-Nov-2019 11:03:10	63	6720.0000	XLON	01503015000044890-E0g586cQuSLh20191108
J.P. Morgan Securities plc	08-Nov-2019 11:03:10	30	6720.0000	XLON	01503015000044780-E0g586cQuSLX20191108
J.P. Morgan Securities plc	08-Nov-2019 11:03:10	38	6720.0000	XLON	01503015000044890-E0g586cQuSLI20191108
J.P. Morgan Securities plc	08-Nov-2019 11:03:10	7	6720.0000	XLON	01503015000044780-E0g586cQuSLf20191108
J.P. Morgan Securities plc	08-Nov-2019 11:03:10	9	6720.0000	XLON	01503015000044890-E0g586cQuSLt20191108
J.P. Morgan Securities plc	08-Nov-2019 11:07:10	75	6720.0000	XLON	01503015000045466-E0g586cQuV9m20191108
J.P. Morgan Securities plc	08-Nov-2019 11:09:09	48	6722.0000	XLON	11503115000045842-E0g586cQuWIM20191108
J.P. Morgan Securities plc	08-Nov-2019 11:09:09	5	6722.0000	XLON	11503115000045842-E0g586cQuWII20191108
J.P. Morgan Securities plc	08-Nov-2019 11:09:09	145	6722.0000	XLON	11503115000045842-E0g586cQuWIK20191108
J.P. Morgan Securities plc	08-Nov-2019 11:12:23	47	6722.0000	XLON	01503015000046339-E0g586cQuaWY20191108
J.P. Morgan Securities plc	08-Nov-2019 11:13:50	56	6722.0000	XLON	01503015000046619-E0g586cQubmu20191108
J.P. Morgan Securities plc	08-Nov-2019 11:15:29	75	6722.0000	XLON	11503115000046876-E0g586cQudII20191108
J.P. Morgan Securities plc	08-Nov-2019 11:15:29	34	6722.0000	XLON	11503115000046876-E0g586cQudIn20191108
J.P. Morgan Securities plc	08-Nov-2019 11:15:29	37	6722.0000	XLON	11503115000046876-E0g586cQudlp20191108
J.P. Morgan Securities plc	08-Nov-2019 11:17:11	8	6720.0000	XLON	01503015000045836-E0g586cQueaO20191108
J.P. Morgan Securities plc	08-Nov-2019 11:19:31	131	6726.0000	XLON	11503115000047539-E0g586cQuhYI20191108
J.P. Morgan Securities plc	08-Nov-2019 11:25:45	10	6726.0000	XLON	11503115000048418-E0g586cQumZS20191108
J.P. Morgan Securities plc	08-Nov-2019 11:25:45	10	6726.0000	XLON	11503115000048594-E0g586cQumZb20191108
J.P. Morgan Securities plc	08-Nov-2019 11:25:45	35	6726.0000	XLON	11503115000048418-E0g586cQumZU20191108
J.P. Morgan Securities plc	08-Nov-2019 11:25:45	1	6726.0000	XLON	11503115000048594-E0g586cQumZd20191108

J.P. Morgan Securities plc	08-Nov-2019 11:25:45	45	6726.0000	XLON	11503115000048624-E0g586cQumZm20191108
J.P. Morgan Securities plc	08-Nov-2019 11:34:06	40	6732.0000	XLON	01503015000049643-E0g586cQutVd20191108
J.P. Morgan Securities plc	08-Nov-2019 11:34:06	48	6732.0000	XLON	11503115000049677-E0g586cQutVX20191108
J.P. Morgan Securities plc	08-Nov-2019 11:34:06	40	6732.0000	XLON	11503115000049681-E0g586cQutVf20191108
J.P. Morgan Securities plc	08-Nov-2019 11:34:06	41	6732.0000	XLON	01503015000049642-E0g586cQutVb20191108
J.P. Morgan Securities plc	08-Nov-2019 11:34:06	40	6732.0000	XLON	11503115000049679-E0g586cQutVZ20191108
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J.P. Morgan Securities plc	08-Nov-2019 11:43:20	20	6736.0000	XLON	01503015000051041-E0g586cQv17T20191108
J.P. Morgan Securities plc	08-Nov-2019 11:43:20	21	6736.0000	XLON	01503015000051041-E0g586cQv17R20191108
J.P. Morgan Securities plc	08-Nov-2019 11:43:50	27	6736.0000	XLON	11503115000051119-E0g586cQv1V820191108
J.P. Morgan Securities plc	08-Nov-2019 11:45:30	51	6736.0000	XLON	11503115000051314-E0g586cQv2qx20191108
J.P. Morgan Securities plc	08-Nov-2019 11:49:04	8	6736.0000	XLON	11503115000051804-E0g586cQv5Tv20191108
J.P. Morgan Securities plc	08-Nov-2019 11:49:04	16	6736.0000	XLON	11503115000051808-E0g586cQv5Tx20191108
J.P. Morgan Securities plc	08-Nov-2019 11:49:04	40	6736.0000	XLON	01503015000051702-E0g586cQv5Tn20191108
J.P. Morgan Securities plc	08-Nov-2019 11:49:04	43	6736.0000	XLON	11503115000051768-E0g586cQv5Tp20191108
J.P. Morgan Securities plc	08-Nov-2019 11:49:04	58	6736.0000	XLON	01503015000051771-E0g586cQv5Tz20191108
J.P. Morgan Securities plc	08-Nov-2019 11:49:04	58	6736.0000	XLON	11503115000051799-E0g586cQv5Tt20191108
J.P. Morgan Securities plc	08-Nov-2019 11:49:04	14	6736.0000	XLON	11503115000051774-E0g586cQv5Tr20191108
J.P. Morgan Securities plc	08-Nov-2019 12:02:37	22	6732.0000	XLON	11503115000054643-E0g586cQvK0q20191108
J.P. Morgan Securities plc	08-Nov-2019 12:05:19	43	6734.0000	XLON	01503015000055065-E0g586cQvMcz20191108
J.P. Morgan Securities plc	08-Nov-2019 12:05:19	59	6734.0000	XLON	01503015000055072-E0g586cQvMd120191108
J.P. Morgan Securities plc	08-Nov-2019 12:05:19	52	6734.0000	XLON	11503115000054846-E0g586cQvMct20191108
J.P. Morgan Securities plc	08-Nov-2019 12:10:16	40	6730.0000	XLON	01503015000055218-E0g586cQvRNw20191108
J.P. Morgan Securities plc	08-Nov-2019 12:13:48	60	6726.0000	XLON	01503015000055866-E0g586cQvUAZ20191108
J.P. Morgan Securities plc	08-Nov-2019 12:14:14	64	6724.0000	XLON	01503015000056062-E0g586cQvUbW20191108
J.P. Morgan Securities plc	08-Nov-2019 12:16:28	47	6728.0000	XLON	11503115000056649-E0g586cQvWFn20191108
J.P. Morgan Securities plc	08-Nov-2019 12:18:16	57	6726.0000	XLON	01503015000056631-E0g586cQvYYN20191108
J.P. Morgan Securities plc	08-Nov-2019 12:20:10	65	6722.0000	XLON	01503015000056343-E0g586cQvAMh20191108
J.P. Morgan Securities plc	08-Nov-2019 12:25:35	57	6726.0000	XLON	01503015000057868-E0g586cQveoY20191108
J.P. Morgan Securities plc	08-Nov-2019 12:27:25	131	6726.0000	XLON	01503015000058097-E0g586cQvg5G20191108
J.P. Morgan Securities plc	08-Nov-2019 12:27:25	8	6726.0000	XLON	01503015000058097-E0g586cQvg5I20191108
J.P. Morgan Securities plc	08-Nov-2019 12:29:35	115	6728.0000	XLON	01503015000058345-E0g586cQvhCI20191108
J.P. Morgan Securities plc	08-Nov-2019 12:33:36	41	6728.0000	XLON	11503115000058687-E0g586cQvkbT20191108
J.P. Morgan Securities plc	08-Nov-2019 12:35:03	44	6726.0000	XLON	11503115000058968-E0g586cQvla620191108
J.P. Morgan Securities plc	08-Nov-2019 12:35:03	8	6726.0000	XLON	11503115000059010-E0g586cQvla820191108
J.P. Morgan Securities plc	08-Nov-2019 12:35:04	44	6726.0000	XLON	11503115000059042-E0g586cQvlaA20191108
J.P. Morgan Securities plc	08-Nov-2019 12:41:37	53	6728.0000	XLON	11503115000059867-E0g586cQvqyH20191108
J.P. Morgan Securities plc	08-Nov-2019 12:41:37	49	6728.0000	XLON	11503115000059867-E0g586cQvqyF20191108
J.P. Morgan Securities plc	08-Nov-2019 12:43:39	49	6728.0000	XLON	11503115000060064-E0g586cQvsEk20191108
J.P. Morgan Securities plc	08-Nov-2019 12:43:39	22	6728.0000	XLON	11503115000060064-E0g586cQvsEg20191108
J.P. Morgan Securities plc	08-Nov-2019 12:43:39	14	6728.0000	XLON	11503115000060064-E0g586cQvsEi20191108
J.P. Morgan Securities plc	08-Nov-2019 12:49:41	41	6732.0000	XLON	01503015000060750-E0g586cQvxly20191108
J.P. Morgan Securities plc	08-Nov-2019 12:49:41	40	6732.0000	XLON	01503015000060813-E0g586cQvxm020191108
J.P. Morgan Securities plc	08-Nov-2019 12:55:11	44	6730.0000	XLON	11503115000061039-E0g586cQw25a20191108
J.P. Morgan Securities plc	08-Nov-2019 13:01:22	185	6732.0000	XLON	01503015000062460-E0g586cQw8Vc20191108
J.P. Morgan Securities plc	08-Nov-2019 13:01:22	145	6732.0000	XLON	01503015000062576-E0g586cQw8Vi20191108
J.P. Morgan Securities plc	08-Nov-2019 13:10:56	42	6738.0000	XLON	01503015000064007-E0g586cQwFy420191108
J.P. Morgan Securities plc	08-Nov-2019 13:12:10	7	6738.0000	XLON	11503115000064220-E0g586cQwGs920191108
J.P. Morgan Securities plc	08-Nov-2019 13:12:26	58	6738.0000	XLON	11503115000064250-E0g586cQwH8z20191108
J.P. Morgan Securities plc	08-Nov-2019 13:12:26	22	6738.0000	XLON	11503115000064250-E0g586cQwH9120191108
J.P. Morgan Securities plc	08-Nov-2019 13:13:04	42	6736.0000	XLON	01503015000063703-E0g586cQwHVR20191108
J.P. Morgan Securities plc	08-Nov-2019 13:16:31	160	6736.0000	XLON	11503115000064729-E0g586cQwKRk20191108
J.P. Morgan Securities plc	08-Nov-2019 13:16:31	70	6736.0000	XLON	01503015000064562-E0g586cQwKRg20191108
J.P. Morgan Securities plc	08-Nov-2019 13:16:31	57	6736.0000	XLON	11503115000064614-E0g586cQwKRi20191108
J.P. Morgan Securities plc	08-Nov-2019 13:20:29	3	6730.0000	XLON	01503015000064883-E0g586cQwONE20191108
J.P. Morgan Securities plc	08-Nov-2019 13:20:29	42	6730.0000	XLON	01503015000064883-E0g586cQwONB20191108
J.P. Morgan Securities plc	08-Nov-2019 13:21:08	57	6726.0000	XLON	01503015000065379-E0g586cQwPL420191108
J.P. Morgan Securities plc	08-Nov-2019 13:23:16	116	6724.0000	XLON	11503115000065772-E0g586cQwRvs20191108
J.P. Morgan Securities plc	08-Nov-2019 13:24:37	40	6724.0000	XLON	01503015000066049-E0g586cQwTI620191108
J.P. Morgan Securities plc	08-Nov-2019 13:25:45	52	6718.0000	XLON	01503015000065496-E0g586cQwUdL20191108
J.P. Morgan Securities plc	08-Nov-2019 13:26:20	98	6714.0000	XLON	01503015000066286-E0g586cQwVHX20191108
J.P. Morgan Securities plc	08-Nov-2019 13:35:01	41	6708.0000	XLON	11503115000067733-E0g586cQwegq20191108
J.P. Morgan Securities plc	08-Nov-2019 13:35:01	45	6708.0000	XLON	11503115000067881-E0g586cQwegw20191108
J.P. Morgan Securities plc	08-Nov-2019 13:35:01	49	6708.0000	XLON	11503115000067733-E0g586cQwegk20191108
J.P. Morgan Securities plc	08-Nov-2019 13:35:47	37	6708.0000	XLON	11503115000068029-E0g586cQwfEP20191108
J.P. Morgan Securities plc	08-Nov-2019 13:35:47	44	6708.0000	XLON	11503115000068029-E0g586cQwfER20191108
J.P. Morgan Securities plc	08-Nov-2019 13:35:47	14	6708.0000	XLON	11503115000068029-E0g586cQwfET20191108
J.P. Morgan Securities plc	08-Nov-2019 13:37:09	44	6710.0000	XLON	01503015000068250-E0g586cQwgh020191108
J.P. Morgan Securities plc	08-Nov-2019 13:38:49	52	6712.0000	XLON	01503015000068486-E0g586cQwiYX20191108
J.P. Morgan Securities plc	08-Nov-2019 13:38:54	11	6710.0000	XLON	11503115000068497-E0g586cQwif720191108
J.P. Morgan Securities plc	08-Nov-2019 13:38:54	41	6710.0000	XLON	11503115000068497-E0g586cQwif920191108
J.P. Morgan Securities plc	08-Nov-2019 13:40:29	75	6710.0000	XLON	01503015000068730-E0g586cQwjlA20191108
J.P. Morgan Securities plc	08-Nov-2019 13:40:44	86	6708.0000	XLON	11503115000068747-E0g586cQwk8520191108
J.P. Morgan Securities plc	08-Nov-2019 13:42:09	108	6708.0000	XLON	11503115000068968-E0g586cQwldC20191108
J.P. Morgan Securities plc	08-Nov-2019 13:42:09	75	6708.0000	XLON	11503115000068968-E0g586cQwldA20191108
J.P. Morgan Securities plc	08-Nov-2019 13:43:30	54	6706.0000	XLON	01503015000068947-E0g586cQwmbJ20191108
J.P. Morgan Securities plc	08-Nov-2019 13:45:14	13	6710.0000	XLON	11503115000069399-E0g586cQwntI20191108
J.P. Morgan Securities plc	08-Nov-2019 13:45:14	37	6710.0000	XLON	11503115000069399-E0g586cQwntE20191108
J.P. Morgan Securities plc	08-Nov-2019 13:45:14	46	6710.0000	XLON	11503115000069399-E0g586cQwntC20191108



J.P. Morgan Securities plc	08-Nov-2019 14:38:50	38	6726.0000	XLON	11503115000078686-E0g586cQxhY120191108
J.P. Morgan Securities plc	08-Nov-2019 14:38:50	30	6726.0000	XLON	11503115000078686-E0g586cQxhXz20191108
J.P. Morgan Securities plc	08-Nov-2019 14:39:18	62	6724.0000	XLON	01503015000078646-E0g586cQxhuB20191108
J.P. Morgan Securities plc	08-Nov-2019 14:40:44	108	6724.0000	XLON	11503115000079051-E0g586cQxjFv20191108
J.P. Morgan Securities plc	08-Nov-2019 14:41:05	108	6722.0000	XLON	11503115000078997-E0g586cQxjaK20191108
J.P. Morgan Securities plc	08-Nov-2019 14:41:08	54	6720.0000	XLON	01503015000079058-E0g586cQxjcB20191108
J.P. Morgan Securities plc	08-Nov-2019 14:46:25	28	6720.0000	XLON	11503115000080170-E0g586cQxpvG20191108
J.P. Morgan Securities plc	08-Nov-2019 14:46:26	77	6720.0000	XLON	01503015000080071-E0g586cQxpv920191108
J.P. Morgan Securities plc	08-Nov-2019 14:46:26	56	6720.0000	XLON	01503015000080092-E0g586cQxpvB20191108
J.P. Morgan Securities plc	08-Nov-2019 14:46:26	195	6720.0000	XLON	01503015000080018-E0g586cQxpv520191108
J.P. Morgan Securities plc	08-Nov-2019 14:46:26	3	6720.0000	XLON	01503015000080092-E0g586cQxpvE20191108
J.P. Morgan Securities plc	08-Nov-2019 14:49:57	52	6716.0000	XLON	11503115000080355-E0g586cQxu3o20191108
J.P. Morgan Securities plc	08-Nov-2019 14:50:48	25	6716.0000	XLON	11503115000081036-E0g586cQxvJA20191108
J.P. Morgan Securities plc	08-Nov-2019 14:50:48	15	6716.0000	XLON	11503115000081036-E0g586cQxvJC20191108
J.P. Morgan Securities plc	08-Nov-2019 14:50:48	22	6716.0000	XLON	11503115000081036-E0g586cQxvJ820191108
J.P. Morgan Securities plc	08-Nov-2019 14:50:48	20	6716.0000	XLON	11503115000081036-E0g586cQxvJ420191108
J.P. Morgan Securities plc	08-Nov-2019 14:50:48	96	6716.0000	XLON	11503115000081036-E0g586cQxvJ620191108
J.P. Morgan Securities plc	08-Nov-2019 14:52:10	22	6716.0000	XLON	11503115000081185-E0g586cQxwEk20191108
J.P. Morgan Securities plc	08-Nov-2019 14:52:10	24	6716.0000	XLON	11503115000081185-E0g586cQxwEm20191108
J.P. Morgan Securities plc	08-Nov-2019 14:52:14	31	6718.0000	XLON	01503015000081128-E0g586cQxwIK20191108
J.P. Morgan Securities plc	08-Nov-2019 14:52:14	53	6718.0000	XLON	01503015000081128-E0g586cQxwIM20191108
J.P. Morgan Securities plc	08-Nov-2019 14:54:06	144	6718.0000	XLON	11503115000081435-E0g586cQxynz20191108
J.P. Morgan Securities plc	08-Nov-2019 14:55:30	94	6718.0000	XLON	11503115000081573-E0g586cQy02620191108
J.P. Morgan Securities plc	08-Nov-2019 14:55:30	23	6718.0000	XLON	11503115000081573-E0g586cQy02420191108
J.P. Morgan Securities plc	08-Nov-2019 14:58:51	54	6718.0000	XLON	11503115000081756-E0g586cQy41k20191108
J.P. Morgan Securities plc	08-Nov-2019 14:58:51	15	6718.0000	XLON	11503115000081788-E0g586cQy41m20191108
J.P. Morgan Securities plc	08-Nov-2019 14:58:51	57	6718.0000	XLON	01503015000081883-E0g586cQy41o20191108
J.P. Morgan Securities plc	08-Nov-2019 14:58:51	52	6718.0000	XLON	11503115000081925-E0g586cQy41s20191108
J.P. Morgan Securities plc	08-Nov-2019 14:58:51	56	6718.0000	XLON	11503115000081925-E0g586cQy41q20191108
J.P. Morgan Securities plc	08-Nov-2019 14:58:52	45	6714.0000	XLON	01503015000081749-E0g586cQy4Jf20191108
J.P. Morgan Securities plc	08-Nov-2019 14:58:52	54	6714.0000	XLON	01503015000081889-E0g586cQy4Jh20191108
J.P. Morgan Securities plc	08-Nov-2019 15:00:48	146	6700.0000	XLON	01503015000082503-E0g586cQyEhc20191108
J.P. Morgan Securities plc	08-Nov-2019 15:00:48	135	6698.0000	XLON	11503115000082546-E0g586cQyEjL20191108
J.P. Morgan Securities plc	08-Nov-2019 15:02:41	44	6702.0000	XLON	11503115000083101-E0g586cQyMJO20191108
J.P. Morgan Securities plc	08-Nov-2019 15:02:41	43	6702.0000	XLON	01503015000083079-E0g586cQyMJQ20191108
J.P. Morgan Securities plc	08-Nov-2019 15:02:41	15	6702.0000	XLON	11503115000083101-E0g586cQyMJM20191108
J.P. Morgan Securities plc	08-Nov-2019 15:06:00	78	6704.0000	XLON	01503015000083576-E0g586cQyRII20191108
J.P. Morgan Securities plc	08-Nov-2019 15:06:00	4	6704.0000	XLON	01503015000083576-E0g586cQyRIt20191108
J.P. Morgan Securities plc	08-Nov-2019 15:06:00	20	6704.0000	XLON	01503015000083576-E0g586cQyRIh20191108
J.P. Morgan Securities plc	08-Nov-2019 15:06:00	28	6704.0000	XLON	01503015000083576-E0g586cQyRIq20191108
J.P. Morgan Securities plc	08-Nov-2019 15:06:12	96	6704.0000	XLON	01503015000083650-E0g586cQySVt20191108
J.P. Morgan Securities plc	08-Nov-2019 15:08:41	28	6708.0000	XLON	01503015000083952-E0g586cQyVvb20191108
J.P. Morgan Securities plc	08-Nov-2019 15:08:41	13	6708.0000	XLON	01503015000083952-E0g586cQyVvd20191108
J.P. Morgan Securities plc	08-Nov-2019 15:09:31	42	6712.0000	XLON	11503115000084119-E0g586cQyWy920191108
J.P. Morgan Securities plc	08-Nov-2019 15:10:02	6	6712.0000	XLON	11503115000084172-E0g586cQyXh620191108
J.P. Morgan Securities plc	08-Nov-2019 15:10:02	31	6712.0000	XLON	11503115000084172-E0g586cQyXh420191108
J.P. Morgan Securities plc	08-Nov-2019 15:10:02	91	6712.0000	XLON	11503115000084172-E0g586cQyXh220191108
J.P. Morgan Securities plc	08-Nov-2019 15:11:40	38	6712.0000	XLON	11503115000084411-E0g586cQyaaH20191108
J.P. Morgan Securities plc	08-Nov-2019 15:11:41	36	6712.0000	XLON	11503115000084416-E0g586cQyabu20191108
J.P. Morgan Securities plc	08-Nov-2019 15:11:41	15	6712.0000	XLON	11503115000084416-E0g586cQyaby20191108
J.P. Morgan Securities plc	08-Nov-2019 15:12:23	53	6716.0000	XLON	11503115000084546-E0g586cQybiW20191108
J.P. Morgan Securities plc	08-Nov-2019 15:12:23	37	6716.0000	XLON	01503015000084532-E0g586cQybic20191108
J.P. Morgan Securities plc	08-Nov-2019 15:12:23	46	6716.0000	XLON	11503115000084548-E0g586cQybia20191108
J.P. Morgan Securities plc	08-Nov-2019 15:12:23	52	6716.0000	XLON	01503015000084529-E0g586cQybiY20191108
J.P. Morgan Securities plc	08-Nov-2019 15:12:23	40	6716.0000	XLON	11503115000084549-E0g586cQybig20191108
J.P. Morgan Securities plc	08-Nov-2019 15:12:23	6	6716.0000	XLON	01503015000084532-E0g586cQybie20191108
J.P. Morgan Securities plc	08-Nov-2019 15:13:14	75	6716.0000	XLON	01503015000084624-E0g586cQycdt20191108
J.P. Morgan Securities plc	08-Nov-2019 15:16:30	40	6722.0000	XLON	11503115000085340-E0g586cQyh4020191108
J.P. Morgan Securities plc	08-Nov-2019 15:16:30	40	6722.0000	XLON	01503015000085307-E0g586cQyh4220191108
J.P. Morgan Securities plc	08-Nov-2019 15:16:30	43	6722.0000	XLON	11503115000085336-E0g586cQyh3s20191108
J.P. Morgan Securities plc	08-Nov-2019 15:16:30	75	6722.0000	XLON	11503115000085365-E0g586cQyh8x20191108
J.P. Morgan Securities plc	08-Nov-2019 15:16:30	54	6722.0000	XLON	11503115000085365-E0g586cQyh8z20191108
J.P. Morgan Securities plc	08-Nov-2019 15:16:30	37	6722.0000	XLON	11503115000085365-E0g586cQyh9120191108
J.P. Morgan Securities plc	08-Nov-2019 15:16:30	42	6722.0000	XLON	01503015000085306-E0g586cQyh3y20191108
J.P. Morgan Securities plc	08-Nov-2019 15:16:30	42	6722.0000	XLON	11503115000085339-E0g586cQyh3w20191108
J.P. Morgan Securities plc	08-Nov-2019 15:16:30	58	6722.0000	XLON	01503015000085301-E0g586cQyh3q20191108
J.P. Morgan Securities plc	08-Nov-2019 15:16:30	43	6722.0000	XLON	01503015000085304-E0g586cQyh3u20191108
J.P. Morgan Securities plc	08-Nov-2019 15:16:33	45	6722.0000	XLON	11503115000085372-E0g586cQyhIV20191108
J.P. Morgan Securities plc	08-Nov-2019 15:17:57	75	6724.0000	XLON	11503115000085532-E0g586cQyj0Q20191108
J.P. Morgan Securities plc	08-Nov-2019 15:17:57	74	6724.0000	XLON	11503115000085532-E0g586cQyj0U20191108
J.P. Morgan Securities plc	08-Nov-2019 15:17:57	37	6724.0000	XLON	11503115000085532-E0g586cQyj0O20191108
J.P. Morgan Securities plc	08-Nov-2019 15:17:57	21	6724.0000	XLON	11503115000085532-E0g586cQyj0S20191108
J.P. Morgan Securities plc	08-Nov-2019 15:18:47	102	6724.0000	XLON	01503015000085606-E0g586cQyk1s20191108
J.P. Morgan Securities plc	08-Nov-2019 15:18:47	22	6724.0000	XLON	01503015000085606-E0g586cQyk1u20191108
J.P. Morgan Securities plc	08-Nov-2019 15:19:38	45	6724.0000	XLON	11503115000085720-E0g586cQyl4z20191108
J.P. Morgan Securities plc	08-Nov-2019 15:19:38	75	6724.0000	XLON	11503115000085720-E0g586cQyl4x20191108
J.P. Morgan Securities plc	08-Nov-2019 15:23:01	52	6722.0000	XLON	11503115000086120-E0g586cQypoF20191108
J.P. Morgan Securities plc	08-Nov-2019 15:23:13	52	6720.0000	XLON	01503015000085824-E0g586cQyq4I20191108
J.P. Morgan Securities plc	08-Nov-2019 15:23:16	53	6722.0000	XLON	11503115000086145-E0g586cQyqE320191108

J.P. Morgan Securities plc	08-Nov-2019 15:24:51	3	6726.0000	XLON	01503015000086326-E0g586cQysM320191108
J.P. Morgan Securities plc	08-Nov-2019 15:24:51	41	6726.0000	XLON	01503015000086326-E0g586cQysM120191108
J.P. Morgan Securities plc	08-Nov-2019 15:25:29	22	6726.0000	XLON	01503015000086415-E0g586cQytEK20191108
J.P. Morgan Securities plc	08-Nov-2019 15:25:29	22	6726.0000	XLON	01503015000086415-E0g586cQytEI20191108
J.P. Morgan Securities plc	08-Nov-2019 15:26:28	71	6726.0000	XLON	01503015000086541-E0g586cQyu1j20191108
J.P. Morgan Securities plc	08-Nov-2019 15:27:28	21	6726.0000	XLON	01503015000086687-E0g586cQyvEs20191108
J.P. Morgan Securities plc	08-Nov-2019 15:27:28	27	6726.0000	XLON	01503015000086687-E0g586cQyvEu20191108
J.P. Morgan Securities plc	08-Nov-2019 15:27:28	4	6726.0000	XLON	01503015000086687-E0g586cQyvEq20191108
J.P. Morgan Securities plc	08-Nov-2019 15:28:01	71	6724.0000	XLON	11503115000086560-E0g586cQyvmN20191108
J.P. Morgan Securities plc	08-Nov-2019 15:30:21	47	6726.0000	XLON	11503115000087184-E0g586cQyyy620191108
J.P. Morgan Securities plc	08-Nov-2019 15:30:21	45	6726.0000	XLON	01503015000087196-E0g586cQyyy820191108
J.P. Morgan Securities plc	08-Nov-2019 15:30:21	109	6726.0000	XLON	11503115000087184-E0g586cQyyy420191108
J.P. Morgan Securities plc	08-Nov-2019 15:30:21	151	6726.0000	XLON	01503015000087177-E0g586cQyyy020191108
J.P. Morgan Securities plc	08-Nov-2019 15:30:21	50	6726.0000	XLON	11503115000087179-E0g586cQyyy220191108
J.P. Morgan Securities plc	08-Nov-2019 15:33:26	56	6734.0000	XLON	11503115000087584-E0g586cQz3C620191108
J.P. Morgan Securities plc	08-Nov-2019 15:33:26	10	6734.0000	XLON	01503015000087475-E0g586cQz3Bq20191108
J.P. Morgan Securities plc	08-Nov-2019 15:35:11	50	6734.0000	XLON	11503115000087794-E0g586cQz5NY20191108
J.P. Morgan Securities plc	08-Nov-2019 15:51:47	20	6732.0000	XLON	11503115000089948-E0g586cQzOIm20191108
J.P. Morgan Securities plc	08-Nov-2019 15:53:07	49	6732.0000	XLON	11503115000090003-E0g586cQzPZD20191108
J.P. Morgan Securities plc	08-Nov-2019 15:54:04	48	6732.0000	XLON	11503115000090162-E0g586cQzQar20191108
J.P. Morgan Securities plc	08-Nov-2019 15:55:30	4	6732.0000	XLON	01503015000090380-E0g586cQzS7V20191108
J.P. Morgan Securities plc	08-Nov-2019 15:55:54	43	6732.0000	XLON	01503015000090380-E0g586cQzSc520191108
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J.P. Morgan Securities plc	08-Nov-2019 15:58:04	36	6732.0000	XLON	11503115000090578-E0g586cQzVR220191108
J.P. Morgan Securities plc	08-Nov-2019 15:58:04	40	6730.0000	XLON	01503015000090212-E0g586cQzVST20191108
J.P. Morgan Securities plc	08-Nov-2019 15:59:54	25	6734.0000	XLON	01503015000091057-E0g586cQzXT420191108
J.P. Morgan Securities plc	08-Nov-2019 16:03:28	41	6740.0000	XLON	11503115000091229-E0g586cQzc8B20191108
J.P. Morgan Securities plc	08-Nov-2019 16:21:26	15	6732.0000	XLON	01503015000095026-E0g586cR00NH20191108
J.P. Morgan Securities plc	08-Nov-2019 16:21:26	12	6732.0000	XLON	11503115000095021-E0g586cR00NJ20191108
J.P. Morgan Securities plc	08-Nov-2019 16:23:06	14	6732.0000	XLON	01503015000095272-E0g586cR02bx20191108
J.P. Morgan Securities plc	08-Nov-2019 16:26:33	14	6734.0000	XLON	01503015000096229-E0g586cR087820191108
J.P. Morgan Securities plc	08-Nov-2019 16:27:11	13	6732.0000	XLON	01503015000096160-E0g586cR09Tu20191108
J.P. Morgan Securities plc	08-Nov-2019 16:28:55	12	6734.0000	XLON	11503115000096620-E0g586cR0CWI20191108
J.P. Morgan Securities plc	08-Nov-2019 16:29:44	2	6732.0000	XLON	11503115000096600-E0g586cR0EP320191108
J.P. Morgan Securities plc	08-Nov-2019 16:29:49	10	6732.0000	XLON	11503115000096600-E0g586cR0EYo20191108