

Broker	Transaction Date and Time	Volume	Price (GBP)	Platform	Transaction Reference Number
J.P. Morgan Securities plc	06-Dec-2019 08:01:07	129	6658.0000	XLON	11003110000002555-E0gPQy8PU7kY20191206
J.P. Morgan Securities plc	06-Dec-2019 08:01:07	99	6654.0000	XLON	01003010000002581-E0gPQy8PU7km20191206
J.P. Morgan Securities plc	06-Dec-2019 08:01:07	129	6656.0000	XLON	01003010000002428-E0gPQy8PU7kd20191206
J.P. Morgan Securities plc	06-Dec-2019 08:03:05	109	6646.0000	XLON	01003010000004317-E0gPQy8PUADJ20191206
J.P. Morgan Securities plc	06-Dec-2019 08:03:05	98	6642.0000	XLON	11003110000004315-E0gPQy8PUAEQ20191206
J.P. Morgan Securities plc	06-Dec-2019 08:03:05	134	6646.0000	XLON	11003110000004314-E0gPQy8PUACI20191206
J.P. Morgan Securities plc	06-Dec-2019 08:03:49	17	6640.0000	XLON	01003010000004391-E0gPQy8PUBVv20191206
J.P. Morgan Securities plc	06-Dec-2019 08:03:49	11	6640.0000	XLON	01003010000004391-E0gPQy8PUBVy20191206
J.P. Morgan Securities plc	06-Dec-2019 08:03:49	70	6640.0000	XLON	01003010000004391-E0gPQy8PUBVt20191206
J.P. Morgan Securities plc	06-Dec-2019 08:04:02	105	6636.0000	XLON	11003110000004391-E0gPQy8PUBio20191206
J.P. Morgan Securities plc	06-Dec-2019 08:04:02	3	6636.0000	XLON	11003110000004391-E0gPQy8PUBim20191206
J.P. Morgan Securities plc	06-Dec-2019 08:05:33	97	6644.0000	XLON	01003010000006041-E0gPQy8PUDzK20191206
J.P. Morgan Securities plc	06-Dec-2019 08:05:34	96	6642.0000	XLON	11003110000006156-E0gPQy8PUEu520191206
J.P. Morgan Securities plc	06-Dec-2019 08:05:34	117	6642.0000	XLON	11003110000005794-E0gPQy8PUDzR20191206
J.P. Morgan Securities plc	06-Dec-2019 08:05:35	27	6642.0000	XLON	11003110000006156-E0gPQy8PUEu120191206
J.P. Morgan Securities plc	06-Dec-2019 08:05:35	97	6640.0000	XLON	01003010000005550-E0gPQy8PUEuA20191206
J.P. Morgan Securities plc	06-Dec-2019 08:05:37	168	6630.0000	XLON	01003010000006158-E0gPQy8PUFU220191206
J.P. Morgan Securities plc	06-Dec-2019 08:05:51	61	6618.0000	XLON	01003010000006439-E0gPQy8PUGJN20191206
J.P. Morgan Securities plc	06-Dec-2019 08:05:51	46	6618.0000	XLON	01003010000006439-E0gPQy8PUGJG20191206
J.P. Morgan Securities plc	06-Dec-2019 08:06:35	75	6630.0000	XLON	11003110000007287-E0gPQy8PUHk320191206
J.P. Morgan Securities plc	06-Dec-2019 08:06:35	86	6630.0000	XLON	11003110000007287-E0gPQy8PUHjz20191206
J.P. Morgan Securities plc	06-Dec-2019 08:06:35	94	6630.0000	XLON	11003110000007287-E0gPQy8PUHk120191206
J.P. Morgan Securities plc	06-Dec-2019 08:06:47	135	6628.0000	XLON	01003010000007200-E0gPQy8PUI1K20191206
J.P. Morgan Securities plc	06-Dec-2019 08:06:47	107	6626.0000	XLON	11003110000007177-E0gPQy8PUI1f20191206
J.P. Morgan Securities plc	06-Dec-2019 08:07:24	28	6610.0000	XLON	11003110000007471-E0gPQy8PUJ2J20191206
J.P. Morgan Securities plc	06-Dec-2019 08:07:24	90	6610.0000	XLON	11003110000007471-E0gPQy8PUJ2120191206
J.P. Morgan Securities plc	06-Dec-2019 08:08:08	75	6622.0000	XLON	01003010000008398-E0gPQy8PUKH120191206
J.P. Morgan Securities plc	06-Dec-2019 08:08:08	6	6622.0000	XLON	01003010000008398-E0gPQy8PUKH320191206
J.P. Morgan Securities plc	06-Dec-2019 08:08:08	111	6622.0000	XLON	11003110000008374-E0gPQy8PUKGv20191206
J.P. Morgan Securities plc	06-Dec-2019 08:09:21	177	6626.0000	XLON	01003010000009195-E0gPQy8PUM9c20191206
J.P. Morgan Securities plc	06-Dec-2019 08:09:21	41	6626.0000	XLON	01003010000008983-E0gPQy8PUM8S20191206
J.P. Morgan Securities plc	06-Dec-2019 08:09:21	53	6626.0000	XLON	01003010000009142-E0gPQy8PUM8X20191206
J.P. Morgan Securities plc	06-Dec-2019 08:09:21	3	6626.0000	XLON	01003010000008983-E0gPQy8PUM8V20191206
J.P. Morgan Securities plc	06-Dec-2019 08:09:21	147	6626.0000	XLON	01003010000009195-E0gPQy8PUM8Z20191206
J.P. Morgan Securities plc	06-Dec-2019 08:09:40	62	6624.0000	XLON	01003010000008796-E0gPQy8PUMa220191206
J.P. Morgan Securities plc	06-Dec-2019 08:11:01	14	6618.0000	XLON	11003110000010334-E0gPQy8PUOtI20191206
J.P. Morgan Securities plc	06-Dec-2019 08:11:14	100	6618.0000	XLON	01003010000010493-E0gPQy8PUP7120191206
J.P. Morgan Securities plc	06-Dec-2019 08:11:14	26	6618.0000	XLON	01003010000010493-E0gPQy8PUP6z20191206
J.P. Morgan Securities plc	06-Dec-2019 08:11:14	88	6618.0000	XLON	01003010000010493-E0gPQy8PUP7320191206
J.P. Morgan Securities plc	06-Dec-2019 08:11:33	41	6612.0000	XLON	11003110000009314-E0gPQy8PUPWl20191206
J.P. Morgan Securities plc	06-Dec-2019 08:11:33	62	6612.0000	XLON	01003010000009342-E0gPQy8PUPWj20191206
J.P. Morgan Securities plc	06-Dec-2019 08:13:05	24	6616.0000	XLON	01003010000011235-E0gPQy8PURSu20191206
J.P. Morgan Securities plc	06-Dec-2019 08:14:21	75	6620.0000	XLON	01003010000012097-E0gPQy8PUTBI20191206
J.P. Morgan Securities plc	06-Dec-2019 08:14:21	47	6620.0000	XLON	01003010000012097-E0gPQy8PUTBG20191206
J.P. Morgan Securities plc	06-Dec-2019 08:14:21	57	6620.0000	XLON	01003010000012097-E0gPQy8PUTBE20191206
J.P. Morgan Securities plc	06-Dec-2019 08:14:23	73	6616.0000	XLON	11003110000011385-E0gPQy8PUTDA20191206
J.P. Morgan Securities plc	06-Dec-2019 08:14:23	80	6616.0000	XLON	11003110000011236-E0gPQy8PUTD820191206
J.P. Morgan Securities plc	06-Dec-2019 08:14:23	44	6616.0000	XLON	11003110000011236-E0gPQy8PUTD620191206
J.P. Morgan Securities plc	06-Dec-2019 08:15:12	94	6612.0000	XLON	11003110000012400-E0gPQy8PUUHX20191206
J.P. Morgan Securities plc	06-Dec-2019 08:17:10	28	6616.0000	XLON	11003110000013673-E0gPQy8PUX1f20191206
J.P. Morgan Securities plc	06-Dec-2019 08:17:23	47	6616.0000	XLON	01003010000013802-E0gPQy8PUXZA20191206
J.P. Morgan Securities plc	06-Dec-2019 08:18:02	57	6618.0000	XLON	01003010000014095-E0gPQy8PUYUJ20191206
J.P. Morgan Securities plc	06-Dec-2019 08:18:02	54	6618.0000	XLON	11003110000014084-E0gPQy8PUYUH20191206
J.P. Morgan Securities plc	06-Dec-2019 08:18:02	66	6618.0000	XLON	01003010000014088-E0gPQy8PUYUF20191206
J.P. Morgan Securities plc	06-Dec-2019 08:18:02	59	6618.0000	XLON	11003110000014062-E0gPQy8PUYUD20191206
J.P. Morgan Securities plc	06-Dec-2019 08:18:45	74	6614.0000	XLON	01003010000014408-E0gPQy8PUZXa20191206
J.P. Morgan Securities plc	06-Dec-2019 08:18:45	14	6614.0000	XLON	01003010000014408-E0gPQy8PUZXe20191206
J.P. Morgan Securities plc	06-Dec-2019 08:18:45	75	6614.0000	XLON	01003010000014408-E0gPQy8PUZXc20191206
J.P. Morgan Securities plc	06-Dec-2019 08:18:49	24	6614.0000	XLON	01003010000014433-E0gPQy8PUZci20191206
J.P. Morgan Securities plc	06-Dec-2019 08:18:49	30	6614.0000	XLON	01003010000014433-E0gPQy8PUZck20191206
J.P. Morgan Securities plc	06-Dec-2019 08:20:16	50	6622.0000	XLON	01003010000015186-E0gPQy8PUBfI20191206
J.P. Morgan Securities plc	06-Dec-2019 08:20:18	136	6622.0000	XLON	01003010000015201-E0gPQy8PUBln20191206
J.P. Morgan Securities plc	06-Dec-2019 08:20:18	100	6622.0000	XLON	01003010000015201-E0gPQy8PUBlj20191206
J.P. Morgan Securities plc	06-Dec-2019 08:22:04	49	6622.0000	XLON	01003010000016000-E0gPQy8PUdxj20191206
J.P. Morgan Securities plc	06-Dec-2019 08:22:04	32	6622.0000	XLON	01003010000016000-E0gPQy8PUdxl20191206
J.P. Morgan Securities plc	06-Dec-2019 08:22:04	59	6622.0000	XLON	11003110000016051-E0gPQy8PUdxq20191206
J.P. Morgan Securities plc	06-Dec-2019 08:23:00	39	6626.0000	XLON	11003110000016318-E0gPQy8PUf0T20191206
J.P. Morgan Securities plc	06-Dec-2019 08:23:00	41	6626.0000	XLON	11003110000016551-E0gPQy8PUf0X20191206
J.P. Morgan Securities plc	06-Dec-2019 08:23:00	38	6626.0000	XLON	11003110000016276-E0gPQy8PUf0L20191206
J.P. Morgan Securities plc	06-Dec-2019 08:23:00	37	6626.0000	XLON	11003110000016286-E0gPQy8PUf0N20191206
J.P. Morgan Securities plc	06-Dec-2019 08:23:00	117	6626.0000	XLON	01003010000016223-E0gPQy8PUf0G20191206
J.P. Morgan Securities plc	06-Dec-2019 08:23:00	2	6626.0000	XLON	01003010000016263-E0gPQy8PUf0R20191206
J.P. Morgan Securities plc	06-Dec-2019 08:23:00	36	6626.0000	XLON	01003010000016263-E0gPQy8PUf0P20191206
J.P. Morgan Securities plc	06-Dec-2019 08:23:00	38	6626.0000	XLON	01003010000016510-E0gPQy8PUf0V20191206
J.P. Morgan Securities plc	06-Dec-2019 08:23:00	32	6626.0000	XLON	01003010000016223-E0gPQy8PUf0E20191206
J.P. Morgan Securities plc	06-Dec-2019 08:23:00	100	6626.0000	XLON	01003010000016223-E0gPQy8PUf0J20191206
J.P. Morgan Securities plc	06-Dec-2019 08:23:19	53	6626.0000	XLON	11003110000016696-E0gPQy8PUfMy20191206
J.P. Morgan Securities plc	06-Dec-2019 08:23:19	75	6626.0000	XLON	11003110000016696-E0gPQy8PUfN020191206
J.P. Morgan Securities plc	06-Dec-2019 08:23:22	38	6626.0000	XLON	11003110000016717-E0gPQy8PUfPL20191206
J.P. Morgan Securities plc	06-Dec-2019 08:23:22	53	6626.0000	XLON	11003110000016717-E0gPQy8PUfPJ20191206

J.P. Morgan Securities plc	06-Dec-2019 10:09:49	54	6648.0000	XLON	01003010000063228-E0gPQy8PWCz320191206
J.P. Morgan Securities plc	06-Dec-2019 10:10:47	151	6646.0000	XLON	11003110000063091-E0gPQy8PWDvg20191206
J.P. Morgan Securities plc	06-Dec-2019 10:11:16	27	6646.0000	XLON	11003110000063825-E0gPQy8PWECu20191206
J.P. Morgan Securities plc	06-Dec-2019 10:11:16	166	6646.0000	XLON	11003110000063825-E0gPQy8PWECw20191206
J.P. Morgan Securities plc	06-Dec-2019 10:11:29	4	6646.0000	XLON	11003110000063895-E0gPQy8PWEL020191206
J.P. Morgan Securities plc	06-Dec-2019 10:11:29	23	6646.0000	XLON	11003110000063895-E0gPQy8PWEKy20191206
J.P. Morgan Securities plc	06-Dec-2019 10:11:29	63	6646.0000	XLON	11003110000063895-E0gPQy8PWEKw20191206
J.P. Morgan Securities plc	06-Dec-2019 10:12:12	47	6644.0000	XLON	11003110000063740-E0gPQy8PWEiJ20191206
J.P. Morgan Securities plc	06-Dec-2019 10:12:12	142	6644.0000	XLON	11003110000063740-E0gPQy8PWEiH20191206
J.P. Morgan Securities plc	06-Dec-2019 10:12:42	13	6644.0000	XLON	11003110000064226-E0gPQy8PWFDv20191206
J.P. Morgan Securities plc	06-Dec-2019 10:12:42	116	6644.0000	XLON	11003110000064226-E0gPQy8PWFDt20191206
J.P. Morgan Securities plc	06-Dec-2019 10:12:42	23	6644.0000	XLON	11003110000064226-E0gPQy8PWFDr20191206
J.P. Morgan Securities plc	06-Dec-2019 10:12:56	62	6644.0000	XLON	01003010000064282-E0gPQy8PWFPI20191206
J.P. Morgan Securities plc	06-Dec-2019 10:12:56	39	6644.0000	XLON	01003010000064282-E0gPQy8PWFpj20191206
J.P. Morgan Securities plc	06-Dec-2019 10:13:46	22	6642.0000	XLON	01003010000064209-E0gPQy8PWGNB20191206
J.P. Morgan Securities plc	06-Dec-2019 10:13:46	47	6642.0000	XLON	11003110000064091-E0gPQy8PWGN920191206
J.P. Morgan Securities plc	06-Dec-2019 10:13:46	23	6642.0000	XLON	11003110000064091-E0gPQy8PWGN720191206
J.P. Morgan Securities plc	06-Dec-2019 10:13:55	51	6642.0000	XLON	01003010000064209-E0gPQy8PWGVl20191206
J.P. Morgan Securities plc	06-Dec-2019 10:15:14	46	6644.0000	XLON	01003010000065096-E0gPQy8PWHlp20191206
J.P. Morgan Securities plc	06-Dec-2019 10:15:24	224	6642.0000	XLON	11003110000064927-E0gPQy8PWHqn20191206
J.P. Morgan Securities plc	06-Dec-2019 10:15:24	36	6642.0000	XLON	11003110000064927-E0gPQy8PWHqk20191206
J.P. Morgan Securities plc	06-Dec-2019 10:16:16	140	6640.0000	XLON	11003110000065435-E0gPQy8PWIXD20191206
J.P. Morgan Securities plc	06-Dec-2019 10:16:16	53	6640.0000	XLON	11003110000065435-E0gPQy8PWIXB20191206
J.P. Morgan Securities plc	06-Dec-2019 10:16:16	23	6640.0000	XLON	11003110000065435-E0gPQy8PWIX920191206
J.P. Morgan Securities plc	06-Dec-2019 10:16:41	123	6638.0000	XLON	11003110000065333-E0gPQy8PWlqP20191206
J.P. Morgan Securities plc	06-Dec-2019 10:16:41	36	6638.0000	XLON	11003110000065333-E0gPQy8PWlqN20191206
J.P. Morgan Securities plc	06-Dec-2019 10:18:45	86	6636.0000	XLON	01003010000065614-E0gPQy8PWy320191206
J.P. Morgan Securities plc	06-Dec-2019 10:19:14	13	6636.0000	XLON	01003010000066340-E0gPQy8PWKFo20191206
J.P. Morgan Securities plc	06-Dec-2019 10:19:14	23	6636.0000	XLON	01003010000066340-E0gPQy8PWKFk20191206
J.P. Morgan Securities plc	06-Dec-2019 10:19:14	56	6636.0000	XLON	01003010000066340-E0gPQy8PWKfM20191206
J.P. Morgan Securities plc	06-Dec-2019 10:19:22	42	6636.0000	XLON	11003110000066359-E0gPQy8PWKK620191206
J.P. Morgan Securities plc	06-Dec-2019 10:19:26	55	6634.0000	XLON	11003110000066219-E0gPQy8PWKNI20191206
J.P. Morgan Securities plc	06-Dec-2019 10:19:26	2	6634.0000	XLON	11003110000065791-E0gPQy8PWKNB20191206
J.P. Morgan Securities plc	06-Dec-2019 10:19:26	10	6634.0000	XLON	11003110000065791-E0gPQy8PWKNE20191206
J.P. Morgan Securities plc	06-Dec-2019 10:19:26	29	6634.0000	XLON	11003110000065791-E0gPQy8PWKNG20191206
J.P. Morgan Securities plc	06-Dec-2019 10:19:26	10	6634.0000	XLON	11003110000066219-E0gPQy8PWKNM20191206
J.P. Morgan Securities plc	06-Dec-2019 10:19:30	81	6632.0000	XLON	11003110000066160-E0gPQy8PWKOk20191206
J.P. Morgan Securities plc	06-Dec-2019 10:21:00	165	6632.0000	XLON	11003110000066407-E0gPQy8PWLfY20191206
J.P. Morgan Securities plc	06-Dec-2019 10:21:47	8	6622.0000	XLON	01003010000067059-E0gPQy8PwM8D20191206
J.P. Morgan Securities plc	06-Dec-2019 10:21:47	83	6622.0000	XLON	01003010000067059-E0gPQy8PwM8A20191206
J.P. Morgan Securities plc	06-Dec-2019 10:21:47	8	6622.0000	XLON	01003010000067059-E0gPQy8PwM8820191206
J.P. Morgan Securities plc	06-Dec-2019 10:21:47	10	6622.0000	XLON	01003010000067059-E0gPQy8PwM8620191206
J.P. Morgan Securities plc	06-Dec-2019 10:21:47	16	6622.0000	XLON	01003010000067059-E0gPQy8PwM8H20191206
J.P. Morgan Securities plc	06-Dec-2019 10:21:47	4	6622.0000	XLON	01003010000067059-E0gPQy8PwM8F20191206
J.P. Morgan Securities plc	06-Dec-2019 10:21:47	123	6628.0000	XLON	01003010000065680-E0gPQy8PwM6q20191206
J.P. Morgan Securities plc	06-Dec-2019 10:21:47	5	6622.0000	XLON	01003010000067059-E0gPQy8PwM8420191206
J.P. Morgan Securities plc	06-Dec-2019 10:22:05	5	6618.0000	XLON	01003010000067357-E0gPQy8PwMMQ20191206
J.P. Morgan Securities plc	06-Dec-2019 10:22:05	156	6618.0000	XLON	11003110000067339-E0gPQy8PwMMO20191206
J.P. Morgan Securities plc	06-Dec-2019 10:24:09	119	6618.0000	XLON	01003010000067623-E0gPQy8PwNlx20191206
J.P. Morgan Securities plc	06-Dec-2019 10:24:09	42	6618.0000	XLON	01003010000067558-E0gPQy8PwNlv20191206
J.P. Morgan Securities plc	06-Dec-2019 10:24:17	79	6614.0000	XLON	11003110000067556-E0gPQy8PwNt920191206
J.P. Morgan Securities plc	06-Dec-2019 10:24:55	269	6610.0000	XLON	01003010000068408-E0gPQy8PwOMO20191206
J.P. Morgan Securities plc	06-Dec-2019 10:26:38	138	6602.0000	XLON	01003010000068923-E0gPQy8PwPWd20191206
J.P. Morgan Securities plc	06-Dec-2019 10:26:43	150	6602.0000	XLON	01003010000068923-E0gPQy8PwPbW20191206
J.P. Morgan Securities plc	06-Dec-2019 10:29:39	40	6600.0000	XLON	01003010000070130-E0gPQy8PwRer20191206
J.P. Morgan Securities plc	06-Dec-2019 10:29:39	75	6600.0000	XLON	01003010000070130-E0gPQy8PwRet20191206
J.P. Morgan Securities plc	06-Dec-2019 10:30:57	72	6602.0000	XLON	01003010000070648-E0gPQy8PwSLT20191206
J.P. Morgan Securities plc	06-Dec-2019 10:30:57	54	6602.0000	XLON	01003010000070648-E0gPQy8PwSLR20191206
J.P. Morgan Securities plc	06-Dec-2019 10:31:16	75	6604.0000	XLON	11003110000070793-E0gPQy8PwSYb20191206
J.P. Morgan Securities plc	06-Dec-2019 10:31:16	40	6604.0000	XLON	11003110000070793-E0gPQy8PwSYZ20191206
J.P. Morgan Securities plc	06-Dec-2019 10:32:27	11	6604.0000	XLON	01003010000071017-E0gPQy8PwT8f20191206
J.P. Morgan Securities plc	06-Dec-2019 10:32:27	102	6604.0000	XLON	01003010000070783-E0gPQy8PwT8b20191206
J.P. Morgan Securities plc	06-Dec-2019 10:36:19	9	6610.0000	XLON	11003110000072405-E0gPQy8PwWJk20191206
J.P. Morgan Securities plc	06-Dec-2019 10:36:19	75	6610.0000	XLON	11003110000072405-E0gPQy8PwWJm20191206
J.P. Morgan Securities plc	06-Dec-2019 10:36:22	29	6608.0000	XLON	11003110000072420-E0gPQy8PwWld20191206
J.P. Morgan Securities plc	06-Dec-2019 10:36:22	75	6608.0000	XLON	11003110000072420-E0gPQy8PwWlb20191206
J.P. Morgan Securities plc	06-Dec-2019 10:36:25	29	6608.0000	XLON	01003010000072379-E0gPQy8PwWN720191206
J.P. Morgan Securities plc	06-Dec-2019 10:36:25	19	6608.0000	XLON	01003010000072379-E0gPQy8PwWN920191206
J.P. Morgan Securities plc	06-Dec-2019 10:37:22	29	6608.0000	XLON	01003010000072668-E0gPQy8PwXDI20191206
J.P. Morgan Securities plc	06-Dec-2019 10:37:45	32	6610.0000	XLON	11003110000072861-E0gPQy8PwXrt20191206
J.P. Morgan Securities plc	06-Dec-2019 10:37:45	75	6610.0000	XLON	11003110000072861-E0gPQy8PwXRv20191206
J.P. Morgan Securities plc	06-Dec-2019 10:37:49	75	6608.0000	XLON	11003110000072882-E0gPQy8PwXUX20191206
J.P. Morgan Securities plc	06-Dec-2019 10:37:49	32	6608.0000	XLON	11003110000072882-E0gPQy8PwXUZ20191206
J.P. Morgan Securities plc	06-Dec-2019 10:39:06	75	6610.0000	XLON	01003010000073268-E0gPQy8PwYLS20191206
J.P. Morgan Securities plc	06-Dec-2019 10:39:06	41	6610.0000	XLON	01003010000073268-E0gPQy8PwYlQ20191206
J.P. Morgan Securities plc	06-Dec-2019 10:40:13	39	6612.0000	XLON	01003010000073459-E0gPQy8PwZ8v20191206
J.P. Morgan Securities plc	06-Dec-2019 10:40:13	71	6612.0000	XLON	01003010000073388-E0gPQy8PwZ8t20191206
J.P. Morgan Securities plc	06-Dec-2019 10:40:13	116	6612.0000	XLON	11003110000073446-E0gPQy8PwZ8r20191206
J.P. Morgan Securities plc	06-Dec-2019 10:41:01	75	6604.0000	XLON	01003010000073886-E0gPQy8PwZrq20191206
J.P. Morgan Securities plc	06-Dec-2019 10:41:01	50	6604.0000	XLON	01003010000073886-E0gPQy8PwZro20191206
J.P. Morgan Securities plc	06-Dec-2019 10:41:02	53	6604.0000	XLON	11003110000073948-E0gPQy8PwZsa20191206

J.P. Morgan Securities plc	06-Dec-2019 10:41:02	75	6604.0000	XLON	11003110000073948-E0gPQy8PWZsc20191206
J.P. Morgan Securities plc	06-Dec-2019 10:41:15	53	6604.0000	XLON	01003010000073976-E0gPQy8PWZzy20191206
J.P. Morgan Securities plc	06-Dec-2019 10:41:15	75	6604.0000	XLON	01003010000073976-E0gPQy8PWa0020191206
J.P. Morgan Securities plc	06-Dec-2019 10:42:42	52	6604.0000	XLON	11003110000074423-E0gPQy8PWb4W20191206
J.P. Morgan Securities plc	06-Dec-2019 10:42:42	75	6604.0000	XLON	11003110000074423-E0gPQy8PWb4Y20191206
J.P. Morgan Securities plc	06-Dec-2019 10:42:56	48	6604.0000	XLON	11003110000074472-E0gPQy8PWbDA20191206
J.P. Morgan Securities plc	06-Dec-2019 10:42:56	75	6604.0000	XLON	11003110000074472-E0gPQy8PWbDC20191206
J.P. Morgan Securities plc	06-Dec-2019 10:44:22	48	6604.0000	XLON	01003010000074843-E0gPQy8PWc5D20191206
J.P. Morgan Securities plc	06-Dec-2019 10:44:36	26	6604.0000	XLON	11003110000074925-E0gPQy8PWcBC20191206
J.P. Morgan Securities plc	06-Dec-2019 10:44:49	37	6604.0000	XLON	01003010000074974-E0gPQy8PWcGg20191206
J.P. Morgan Securities plc	06-Dec-2019 10:45:02	38	6604.0000	XLON	11003110000075073-E0gPQy8PWcMy20191206
J.P. Morgan Securities plc	06-Dec-2019 10:45:02	75	6604.0000	XLON	11003110000075073-E0gPQy8PWcN020191206
J.P. Morgan Securities plc	06-Dec-2019 10:46:11	48	6606.0000	XLON	01003010000075505-E0gPQy8PWczw20191206
J.P. Morgan Securities plc	06-Dec-2019 10:46:24	24	6606.0000	XLON	01003010000075566-E0gPQy8PWd8J20191206
J.P. Morgan Securities plc	06-Dec-2019 10:46:24	48	6606.0000	XLON	01003010000075566-E0gPQy8PWd8H20191206
J.P. Morgan Securities plc	06-Dec-2019 10:46:37	25	6606.0000	XLON	11003110000075643-E0gPQy8PWdGi20191206
J.P. Morgan Securities plc	06-Dec-2019 10:46:37	49	6606.0000	XLON	11003110000075643-E0gPQy8PWdGg20191206
J.P. Morgan Securities plc	06-Dec-2019 10:47:21	75	6610.0000	XLON	01003010000075885-E0gPQy8PWdHb20191206
J.P. Morgan Securities plc	06-Dec-2019 10:47:21	45	6610.0000	XLON	01003010000075885-E0gPQy8PWdHZ20191206
J.P. Morgan Securities plc	06-Dec-2019 10:47:35	22	6610.0000	XLON	01003010000075946-E0gPQy8PWdmi20191206
J.P. Morgan Securities plc	06-Dec-2019 10:47:35	46	6610.0000	XLON	01003010000075946-E0gPQy8PWdmg20191206
J.P. Morgan Securities plc	06-Dec-2019 10:47:59	52	6608.0000	XLON	11003110000075661-E0gPQy8PWdP20191206
J.P. Morgan Securities plc	06-Dec-2019 10:47:59	50	6608.0000	XLON	01003010000075652-E0gPQy8PWdR20191206
J.P. Morgan Securities plc	06-Dec-2019 10:50:06	44	6608.0000	XLON	11003110000076806-E0gPQy8PWfMb20191206
J.P. Morgan Securities plc	06-Dec-2019 10:50:06	43	6608.0000	XLON	01003010000076792-E0gPQy8PWfMd20191206
J.P. Morgan Securities plc	06-Dec-2019 10:50:06	41	6608.0000	XLON	11003110000076807-E0gPQy8PWfMf20191206
J.P. Morgan Securities plc	06-Dec-2019 10:50:06	44	6608.0000	XLON	01003010000076791-E0gPQy8PWfMZ20191206
J.P. Morgan Securities plc	06-Dec-2019 10:50:06	55	6608.0000	XLON	11003110000076805-E0gPQy8PWfMX20191206
J.P. Morgan Securities plc	06-Dec-2019 10:50:33	62	6608.0000	XLON	11003110000077021-E0gPQy8PWfo720191206
J.P. Morgan Securities plc	06-Dec-2019 10:51:07	189	6608.0000	XLON	11003110000077047-E0gPQy8PWgIB20191206
J.P. Morgan Securities plc	06-Dec-2019 10:51:07	38	6608.0000	XLON	11003110000077218-E0gPQy8PWgIH20191206
J.P. Morgan Securities plc	06-Dec-2019 10:51:07	84	6608.0000	XLON	11003110000077233-E0gPQy8PWgIN20191206
J.P. Morgan Securities plc	06-Dec-2019 10:51:07	20	6608.0000	XLON	01003010000077222-E0gPQy8PWgIJ20191206
J.P. Morgan Securities plc	06-Dec-2019 10:51:07	59	6608.0000	XLON	11003110000077172-E0gPQy8PWgIF20191206
J.P. Morgan Securities plc	06-Dec-2019 10:51:07	6	6608.0000	XLON	11003110000077237-E0gPQy8PWgIP20191206
J.P. Morgan Securities plc	06-Dec-2019 10:51:07	18	6608.0000	XLON	01003010000077222-E0gPQy8PWgIL20191206
J.P. Morgan Securities plc	06-Dec-2019 10:54:08	236	6604.0000	XLON	01003010000077785-E0gPQy8PWiyY20191206
J.P. Morgan Securities plc	06-Dec-2019 10:54:08	44	6604.0000	XLON	11003110000078196-E0gPQy8PWiya20191206
J.P. Morgan Securities plc	06-Dec-2019 10:54:08	45	6604.0000	XLON	11003110000078390-E0gPQy8PWiyC20191206
J.P. Morgan Securities plc	06-Dec-2019 10:54:08	45	6604.0000	XLON	01003010000078394-E0gPQy8PWiyM20191206
J.P. Morgan Securities plc	06-Dec-2019 10:54:08	8	6604.0000	XLON	01003010000078406-E0gPQy8PWiyQ20191206
J.P. Morgan Securities plc	06-Dec-2019 10:54:08	11	6604.0000	XLON	11003110000078407-E0gPQy8PWiyi20191206
J.P. Morgan Securities plc	06-Dec-2019 10:54:08	4	6604.0000	XLON	11003110000078414-E0gPQy8PWiyk20191206
J.P. Morgan Securities plc	06-Dec-2019 10:54:08	36	6604.0000	XLON	11003110000078425-E0gPQy8PWiyO20191206
J.P. Morgan Securities plc	06-Dec-2019 10:54:08	8	6604.0000	XLON	11003110000078397-E0gPQy8PWiyE20191206
J.P. Morgan Securities plc	06-Dec-2019 10:54:08	62	6604.0000	XLON	01003010000078407-E0gPQy8PWiyS20191206
J.P. Morgan Securities plc	06-Dec-2019 10:54:08	13	6604.0000	XLON	11003110000078402-E0gPQy8PWiyG20191206
J.P. Morgan Securities plc	06-Dec-2019 10:56:01	75	6604.0000	XLON	01003010000078994-E0gPQy8PWkDT20191206
J.P. Morgan Securities plc	06-Dec-2019 10:56:01	53	6604.0000	XLON	01003010000078994-E0gPQy8PWkDR20191206
J.P. Morgan Securities plc	06-Dec-2019 10:56:02	56	6604.0000	XLON	01003010000079001-E0gPQy8PWkFn20191206
J.P. Morgan Securities plc	06-Dec-2019 10:56:02	75	6604.0000	XLON	01003010000079001-E0gPQy8PWkFp20191206
J.P. Morgan Securities plc	06-Dec-2019 10:56:15	75	6604.0000	XLON	11003110000079067-E0gPQy8PWkSM20191206
J.P. Morgan Securities plc	06-Dec-2019 10:56:15	41	6604.0000	XLON	11003110000079067-E0gPQy8PWkSO20191206
J.P. Morgan Securities plc	06-Dec-2019 10:57:42	14	6606.0000	XLON	11003110000079497-E0gPQy8PWles20191206
J.P. Morgan Securities plc	06-Dec-2019 10:57:42	37	6606.0000	XLON	11003110000079497-E0gPQy8PWleu20191206
J.P. Morgan Securities plc	06-Dec-2019 10:59:22	75	6604.0000	XLON	01003010000079962-E0gPQy8PWnMh20191206
J.P. Morgan Securities plc	06-Dec-2019 10:59:22	121	6604.0000	XLON	01003010000079962-E0gPQy8PWnMI20191206
J.P. Morgan Securities plc	06-Dec-2019 10:59:22	2	6604.0000	XLON	01003010000079962-E0gPQy8PWnMj20191206
J.P. Morgan Securities plc	06-Dec-2019 11:00:40	17	6604.0000	XLON	11003110000080449-E0gPQy8PWoPU20191206
J.P. Morgan Securities plc	06-Dec-2019 11:00:40	75	6604.0000	XLON	11003110000080449-E0gPQy8PWoPS20191206
J.P. Morgan Securities plc	06-Dec-2019 11:00:40	108	6604.0000	XLON	11003110000080449-E0gPQy8PWoPY20191206
J.P. Morgan Securities plc	06-Dec-2019 11:00:40	24	6604.0000	XLON	11003110000080449-E0gPQy8PWoPW20191206
J.P. Morgan Securities plc	06-Dec-2019 11:01:02	75	6604.0000	XLON	11003110000080596-E0gPQy8PWoiM20191206
J.P. Morgan Securities plc	06-Dec-2019 11:01:15	50	6604.0000	XLON	01003010000080650-E0gPQy8PWow820191206
J.P. Morgan Securities plc	06-Dec-2019 11:01:28	41	6604.0000	XLON	11003110000080779-E0gPQy8PWp9b20191206
J.P. Morgan Securities plc	06-Dec-2019 11:02:42	8	6604.0000	XLON	11003110000081251-E0gPQy8PWpu220191206
J.P. Morgan Securities plc	06-Dec-2019 11:02:42	75	6604.0000	XLON	11003110000081251-E0gPQy8PWpu420191206
J.P. Morgan Securities plc	06-Dec-2019 11:02:55	41	6604.0000	XLON	01003010000081253-E0gPQy8PWpyC20191206
J.P. Morgan Securities plc	06-Dec-2019 11:03:08	40	6604.0000	XLON	11003110000081318-E0gPQy8PWq5M20191206
J.P. Morgan Securities plc	06-Dec-2019 11:03:21	39	6604.0000	XLON	01003010000081359-E0gPQy8PWqB220191206
J.P. Morgan Securities plc	06-Dec-2019 11:03:47	4	6604.0000	XLON	01003010000081441-E0gPQy8PWqSH20191206
J.P. Morgan Securities plc	06-Dec-2019 11:03:47	39	6604.0000	XLON	01003010000081441-E0gPQy8PWqSF20191206
J.P. Morgan Securities plc	06-Dec-2019 11:04:22	75	6604.0000	XLON	01003010000081549-E0gPQy8PWqj520191206
J.P. Morgan Securities plc	06-Dec-2019 11:04:22	6	6604.0000	XLON	01003010000081549-E0gPQy8PWqj320191206
J.P. Morgan Securities plc	06-Dec-2019 11:04:22	41	6604.0000	XLON	01003010000081549-E0gPQy8PWqj120191206
J.P. Morgan Securities plc	06-Dec-2019 11:05:00	34	6602.0000	XLON	11003110000079981-E0gPQy8PWrGv20191206
J.P. Morgan Securities plc	06-Dec-2019 11:05:00	76	6602.0000	XLON	01003010000079487-E0gPQy8PWrGt20191206
J.P. Morgan Securities plc	06-Dec-2019 11:05:00	6	6602.0000	XLON	11003110000079981-E0gPQy8PWrGx20191206
J.P. Morgan Securities plc	06-Dec-2019 11:06:02	8	6604.0000	XLON	11003110000082169-E0gPQy8Pws8D20191206
J.P. Morgan Securities plc	06-Dec-2019 11:06:02	33	6604.0000	XLON	11003110000082169-E0gPQy8Pws8F20191206
J.P. Morgan Securities plc	06-Dec-2019 11:06:14	8	6606.0000	XLON	01003010000082221-E0gPQy8Pws8G20191206

J.P. Morgan Securities plc	06-Dec-2019 11:06:27	75	6606.0000	XLON	11003110000082391-E0gPQy8PWsPa20191206
J.P. Morgan Securities plc	06-Dec-2019 11:06:27	31	6606.0000	XLON	11003110000082391-E0gPQy8PWsPY20191206
J.P. Morgan Securities plc	06-Dec-2019 11:06:40	32	6606.0000	XLON	01003010000082459-E0gPQy8PWsSR20191206
J.P. Morgan Securities plc	06-Dec-2019 11:06:53	30	6604.0000	XLON	01003010000082584-E0gPQy8PWsdJ20191206
J.P. Morgan Securities plc	06-Dec-2019 11:07:37	31	6604.0000	XLON	01003010000083026-E0gPQy8PWsvZ20191206
J.P. Morgan Securities plc	06-Dec-2019 11:07:49	42	6604.0000	XLON	11003110000083207-E0gPQy8PWszM20191206
J.P. Morgan Securities plc	06-Dec-2019 11:08:02	46	6604.0000	XLON	11003110000083296-E0gPQy8PWt1y20191206
J.P. Morgan Securities plc	06-Dec-2019 11:08:02	120	6602.0000	XLON	01003010000082123-E0gPQy8PWt2D20191206
J.P. Morgan Securities plc	06-Dec-2019 11:09:20	75	6604.0000	XLON	01003010000084141-E0gPQy8PWtk420191206
J.P. Morgan Securities plc	06-Dec-2019 11:09:20	50	6604.0000	XLON	01003010000084141-E0gPQy8PWtk620191206
J.P. Morgan Securities plc	06-Dec-2019 11:09:33	75	6604.0000	XLON	01003010000084313-E0gPQy8PWtnh20191206
J.P. Morgan Securities plc	06-Dec-2019 11:09:33	47	6604.0000	XLON	01003010000084313-E0gPQy8PWtnj20191206
J.P. Morgan Securities plc	06-Dec-2019 11:10:45	3	6604.0000	XLON	01003010000085241-E0gPQy8PWuZ620191206
J.P. Morgan Securities plc	06-Dec-2019 11:10:46	55	6604.0000	XLON	01003010000085256-E0gPQy8PWuZK20191206
J.P. Morgan Securities plc	06-Dec-2019 11:11:00	55	6604.0000	XLON	11003110000085404-E0gPQy8PWugC20191206
J.P. Morgan Securities plc	06-Dec-2019 11:11:02	55	6604.0000	XLON	11003110000085442-E0gPQy8PWuhi20191206
J.P. Morgan Securities plc	06-Dec-2019 11:11:15	55	6604.0000	XLON	01003010000085660-E0gPQy8PWuuF20191206
J.P. Morgan Securities plc	06-Dec-2019 11:11:31	56	6606.0000	XLON	01003010000085834-E0gPQy8PWv3Z20191206
J.P. Morgan Securities plc	06-Dec-2019 11:12:20	93	6620.0000	XLON	11003110000086248-E0gPQy8PWvY920191206
J.P. Morgan Securities plc	06-Dec-2019 11:12:30	16	6618.0000	XLON	01003010000086038-E0gPQy8PWvcC20191206
J.P. Morgan Securities plc	06-Dec-2019 11:13:15	54	6618.0000	XLON	11003110000086759-E0gPQy8PWw8h20191206
J.P. Morgan Securities plc	06-Dec-2019 11:13:15	75	6618.0000	XLON	11003110000086759-E0gPQy8PWw8f20191206
J.P. Morgan Securities plc	06-Dec-2019 11:13:15	27	6618.0000	XLON	11003110000086759-E0gPQy8PWw8j20191206
J.P. Morgan Securities plc	06-Dec-2019 11:14:47	60	6608.0000	XLON	01003010000087577-E0gPQy8PWxGS20191206
J.P. Morgan Securities plc	06-Dec-2019 11:14:47	45	6608.0000	XLON	01003010000087425-E0gPQy8PWxGM20191206
J.P. Morgan Securities plc	06-Dec-2019 11:14:47	45	6608.0000	XLON	01003010000087563-E0gPQy8PWxGQ20191206
J.P. Morgan Securities plc	06-Dec-2019 11:14:47	131	6608.0000	XLON	01003010000087578-E0gPQy8PWxGU20191206
J.P. Morgan Securities plc	06-Dec-2019 11:14:47	117	6608.0000	XLON	01003010000087436-E0gPQy8PWxGO20191206
J.P. Morgan Securities plc	06-Dec-2019 11:14:54	45	6604.0000	XLON	11003110000087552-E0gPQy8PWxKf20191206
J.P. Morgan Securities plc	06-Dec-2019 11:14:54	49	6604.0000	XLON	11003110000087553-E0gPQy8PWxKh20191206
J.P. Morgan Securities plc	06-Dec-2019 11:16:28	109	6600.0000	XLON	01003010000088274-E0gPQy8PWyT820191206
J.P. Morgan Securities plc	06-Dec-2019 11:16:28	83	6600.0000	XLON	01003010000088274-E0gPQy8PWyT520191206
J.P. Morgan Securities plc	06-Dec-2019 11:16:35	61	6600.0000	XLON	11003110000088216-E0gPQy8PWyWK20191206
J.P. Morgan Securities plc	06-Dec-2019 11:18:15	118	6602.0000	XLON	11003110000088810-E0gPQy8PWzGi20191206
J.P. Morgan Securities plc	06-Dec-2019 11:18:15	75	6602.0000	XLON	01003010000088921-E0gPQy8PWzGq20191206
J.P. Morgan Securities plc	06-Dec-2019 11:18:15	124	6602.0000	XLON	11003110000088882-E0gPQy8PWzGo20191206
J.P. Morgan Securities plc	06-Dec-2019 11:18:15	119	6602.0000	XLON	01003010000088853-E0gPQy8PWzGg20191206
J.P. Morgan Securities plc	06-Dec-2019 11:20:02	62	6604.0000	XLON	11003110000089461-E0gPQy8PX0GP20191206
J.P. Morgan Securities plc	06-Dec-2019 11:20:15	56	6604.0000	XLON	11003110000089594-E0gPQy8PX0RK20191206
J.P. Morgan Securities plc	06-Dec-2019 11:20:15	61	6604.0000	XLON	11003110000089594-E0gPQy8PX0RI20191206
J.P. Morgan Securities plc	06-Dec-2019 11:20:28	60	6604.0000	XLON	01003010000089737-E0gPQy8PX0Vi20191206
J.P. Morgan Securities plc	06-Dec-2019 11:21:45	21	6604.0000	XLON	11003110000090397-E0gPQy8PX1Ju20191206
J.P. Morgan Securities plc	06-Dec-2019 11:22:36	5	6604.0000	XLON	11003110000090397-E0gPQy8PX1eP20191206
J.P. Morgan Securities plc	06-Dec-2019 11:23:22	22	6606.0000	XLON	01003010000091119-E0gPQy8PX21L20191206
J.P. Morgan Securities plc	06-Dec-2019 11:23:22	72	6606.0000	XLON	01003010000091119-E0gPQy8PX21N20191206
J.P. Morgan Securities plc	06-Dec-2019 11:25:21	75	6608.0000	XLON	01003010000092213-E0gPQy8PX3ZH20191206
J.P. Morgan Securities plc	06-Dec-2019 11:25:21	63	6608.0000	XLON	01003010000092213-E0gPQy8PX3ZF20191206
J.P. Morgan Securities plc	06-Dec-2019 11:25:22	75	6608.0000	XLON	01003010000092222-E0gPQy8PX3Zs20191206
J.P. Morgan Securities plc	06-Dec-2019 11:25:22	66	6608.0000	XLON	01003010000092222-E0gPQy8PX3Zq20191206
J.P. Morgan Securities plc	06-Dec-2019 11:25:58	57	6610.0000	XLON	11003110000092404-E0gPQy8PX3km20191206
J.P. Morgan Securities plc	06-Dec-2019 11:25:59	116	6606.0000	XLON	11003110000092295-E0gPQy8PX3m420191206
J.P. Morgan Securities plc	06-Dec-2019 11:25:59	35	6608.0000	XLON	01003010000092344-E0gPQy8PX3ln20191206
J.P. Morgan Securities plc	06-Dec-2019 11:25:59	38	6608.0000	XLON	01003010000092344-E0gPQy8PX3ll20191206
J.P. Morgan Securities plc	06-Dec-2019 11:25:59	23	6608.0000	XLON	01003010000092370-E0gPQy8PX3lp20191206
J.P. Morgan Securities plc	06-Dec-2019 11:25:59	87	6608.0000	XLON	11003110000092270-E0gPQy8PX3lj20191206
J.P. Morgan Securities plc	06-Dec-2019 11:26:02	67	6604.0000	XLON	01003010000092493-E0gPQy8PX3p820191206
J.P. Morgan Securities plc	06-Dec-2019 11:26:02	75	6604.0000	XLON	01003010000092493-E0gPQy8PX3p620191206
J.P. Morgan Securities plc	06-Dec-2019 11:26:33	128	6604.0000	XLON	01003010000092519-E0gPQy8PX4CG20191206
J.P. Morgan Securities plc	06-Dec-2019 11:31:43	23	6604.0000	XLON	11003110000092953-E0gPQy8PX76820191206
J.P. Morgan Securities plc	06-Dec-2019 11:32:49	75	6606.0000	XLON	01003010000095629-E0gPQy8PX7w320191206
J.P. Morgan Securities plc	06-Dec-2019 11:32:49	83	6606.0000	XLON	01003010000095629-E0gPQy8PX7w120191206
J.P. Morgan Securities plc	06-Dec-2019 11:32:50	83	6604.0000	XLON	11003110000095578-E0gPQy8PX7xa20191206
J.P. Morgan Securities plc	06-Dec-2019 11:32:50	75	6604.0000	XLON	11003110000095578-E0gPQy8PX7xy20191206
J.P. Morgan Securities plc	06-Dec-2019 11:32:51	70	6604.0000	XLON	11003110000095585-E0gPQy8PX7yC20191206
J.P. Morgan Securities plc	06-Dec-2019 11:32:51	75	6604.0000	XLON	11003110000095585-E0gPQy8PX7yE20191206
J.P. Morgan Securities plc	06-Dec-2019 11:33:05	71	6604.0000	XLON	01003010000095715-E0gPQy8PX86D20191206
J.P. Morgan Securities plc	06-Dec-2019 11:33:58	56	6604.0000	XLON	11003110000095992-E0gPQy8PX8dB20191206
J.P. Morgan Securities plc	06-Dec-2019 11:34:12	61	6604.0000	XLON	01003010000096146-E0gPQy8PX8hW20191206
J.P. Morgan Securities plc	06-Dec-2019 11:34:25	72	6604.0000	XLON	11003110000096156-E0gPQy8PX8m620191206
J.P. Morgan Securities plc	06-Dec-2019 11:35:13	5	6604.0000	XLON	01003010000096521-E0gPQy8PX9EJ20191206
J.P. Morgan Securities plc	06-Dec-2019 11:35:13	75	6604.0000	XLON	01003010000096521-E0gPQy8PX9EN20191206
J.P. Morgan Securities plc	06-Dec-2019 11:35:13	22	6604.0000	XLON	01003010000096521-E0gPQy8PX9EL20191206
J.P. Morgan Securities plc	06-Dec-2019 11:35:34	11	6610.0000	XLON	01003010000096688-E0gPQy8PX9Z820191206
J.P. Morgan Securities plc	06-Dec-2019 11:35:34	68	6610.0000	XLON	01003010000096688-E0gPQy8PX9Z620191206
J.P. Morgan Securities plc	06-Dec-2019 11:36:25	4	6612.0000	XLON	11003110000096974-E0gPQy8PX9vn20191206
J.P. Morgan Securities plc	06-Dec-2019 11:36:25	75	6612.0000	XLON	11003110000096974-E0gPQy8PX9vj20191206
J.P. Morgan Securities plc	06-Dec-2019 11:36:25	26	6612.0000	XLON	11003110000096974-E0gPQy8PX9vi20191206
J.P. Morgan Securities plc	06-Dec-2019 11:36:25	2	6612.0000	XLON	11003110000096974-E0gPQy8PX9vp20191206
J.P. Morgan Securities plc	06-Dec-2019 11:36:25	14	6612.0000	XLON	11003110000096974-E0gPQy8PX9vh20191206
J.P. Morgan Securities plc	06-Dec-2019 11:36:28	32	6612.0000	XLON	01003010000097030-E0gPQy8PX9wU20191206
J.P. Morgan Securities plc	06-Dec-2019 11:36:28	27	6612.0000	XLON	01003010000097030-E0gPQy8PX9wS20191206

J.P. Morgan Securities plc	06-Dec-2019 12:43:25	45	6604.0000	XLON	01003010000128636-E0gPQy8PXrvz20191206
J.P. Morgan Securities plc	06-Dec-2019 12:43:28	45	6604.0000	XLON	11003110000128613-E0gPQy8PXrwQ20191206
J.P. Morgan Securities plc	06-Dec-2019 12:43:31	45	6604.0000	XLON	11003110000128630-E0gPQy8PXrwk20191206
J.P. Morgan Securities plc	06-Dec-2019 12:43:34	38	6604.0000	XLON	01003010000128680-E0gPQy8PXrxD20191206
J.P. Morgan Securities plc	06-Dec-2019 12:44:33	46	6604.0000	XLON	01003010000129039-E0gPQy8PXsQc20191206
J.P. Morgan Securities plc	06-Dec-2019 12:44:33	19	6604.0000	XLON	01003010000129039-E0gPQy8PXsQe20191206
J.P. Morgan Securities plc	06-Dec-2019 12:44:46	47	6604.0000	XLON	01003010000129096-E0gPQy8PXsVP20191206
J.P. Morgan Securities plc	06-Dec-2019 12:44:46	24	6604.0000	XLON	01003010000129096-E0gPQy8PXsVR20191206
J.P. Morgan Securities plc	06-Dec-2019 12:44:59	48	6604.0000	XLON	01003010000129173-E0gPQy8PXsZa20191206
J.P. Morgan Securities plc	06-Dec-2019 12:45:45	58	6604.0000	XLON	11003110000129378-E0gPQy8PXsyt20191206
J.P. Morgan Securities plc	06-Dec-2019 12:45:59	60	6604.0000	XLON	01003010000129518-E0gPQy8PXt9S20191206
J.P. Morgan Securities plc	06-Dec-2019 12:46:08	66	6610.0000	XLON	01003010000129568-E0gPQy8PXtIN20191206
J.P. Morgan Securities plc	06-Dec-2019 12:49:22	38	6612.0000	XLON	11003110000130096-E0gPQy8PXuyw20191206
J.P. Morgan Securities plc	06-Dec-2019 12:49:22	53	6612.0000	XLON	11003110000130095-E0gPQy8PXuys20191206
J.P. Morgan Securities plc	06-Dec-2019 12:49:22	83	6612.0000	XLON	01003010000130159-E0gPQy8PXuyq20191206
J.P. Morgan Securities plc	06-Dec-2019 12:49:22	51	6612.0000	XLON	01003010000130160-E0gPQy8PXuyu20191206
J.P. Morgan Securities plc	06-Dec-2019 12:49:23	40	6608.0000	XLON	01003010000130959-E0gPQy8PXv0M20191206
J.P. Morgan Securities plc	06-Dec-2019 12:49:23	75	6608.0000	XLON	01003010000130959-E0gPQy8PXv0I20191206
J.P. Morgan Securities plc	06-Dec-2019 12:49:23	59	6608.0000	XLON	01003010000130959-E0gPQy8PXv0K20191206
J.P. Morgan Securities plc	06-Dec-2019 12:49:26	75	6608.0000	XLON	11003110000130926-E0gPQy8PXv2020191206
J.P. Morgan Securities plc	06-Dec-2019 12:49:26	6	6608.0000	XLON	11003110000130926-E0gPQy8PXv2220191206
J.P. Morgan Securities plc	06-Dec-2019 13:02:19	20	6608.0000	XLON	01003010000133389-E0gPQy8PY4yG20191206
J.P. Morgan Securities plc	06-Dec-2019 13:04:55	17	6608.0000	XLON	11003110000142860-E0gPQy8PY6hK20191206
J.P. Morgan Securities plc	06-Dec-2019 13:04:55	149	6608.0000	XLON	11003110000142202-E0gPQy8PY6h820191206
J.P. Morgan Securities plc	06-Dec-2019 13:04:55	23	6608.0000	XLON	11003110000142841-E0gPQy8PY6hE20191206
J.P. Morgan Securities plc	06-Dec-2019 13:04:55	2	6608.0000	XLON	01003010000142916-E0gPQy8PY6hG20191206
J.P. Morgan Securities plc	06-Dec-2019 13:04:55	38	6608.0000	XLON	11003110000139256-E0gPQy8PY6gg20191206
J.P. Morgan Securities plc	06-Dec-2019 13:04:55	37	6608.0000	XLON	01003010000142893-E0gPQy8PY6hC20191206
J.P. Morgan Securities plc	06-Dec-2019 13:04:55	2	6608.0000	XLON	01003010000142933-E0gPQy8PY6hl20191206
J.P. Morgan Securities plc	06-Dec-2019 13:04:55	497	6608.0000	XLON	01003010000142938-E0gPQy8PY6hM20191206
J.P. Morgan Securities plc	06-Dec-2019 13:04:55	37	6608.0000	XLON	01003010000142939-E0gPQy8PY6hQ20191206
J.P. Morgan Securities plc	06-Dec-2019 13:04:55	9	6608.0000	XLON	11003110000139257-E0gPQy8PY6gk20191206
J.P. Morgan Securities plc	06-Dec-2019 13:04:55	37	6608.0000	XLON	11003110000142864-E0gPQy8PY6hO20191206
J.P. Morgan Securities plc	06-Dec-2019 13:04:55	17	6608.0000	XLON	01003010000142889-E0gPQy8PY6hA20191206
J.P. Morgan Securities plc	06-Dec-2019 13:04:55	29	6608.0000	XLON	11003110000139257-E0gPQy8PY6gi20191206
J.P. Morgan Securities plc	06-Dec-2019 13:04:55	349	6608.0000	XLON	11003110000142149-E0gPQy8PY6h620191206
J.P. Morgan Securities plc	06-Dec-2019 13:04:55	3	6608.0000	XLON	11003110000142149-E0gPQy8PY6h220191206
J.P. Morgan Securities plc	06-Dec-2019 13:04:55	37	6608.0000	XLON	11003110000133563-E0gPQy8PY6gy20191206
J.P. Morgan Securities plc	06-Dec-2019 13:04:55	37	6608.0000	XLON	01003010000139009-E0gPQy8PY6gc20191206
J.P. Morgan Securities plc	06-Dec-2019 13:04:55	38	6608.0000	XLON	11003110000139155-E0gPQy8PY6ge20191206
J.P. Morgan Securities plc	06-Dec-2019 13:04:57	89	6610.0000	XLON	11003110000142899-E0gPQy8PY6kq20191206
J.P. Morgan Securities plc	06-Dec-2019 13:04:57	10	6610.0000	XLON	11003110000142899-E0gPQy8PY6ks20191206
J.P. Morgan Securities plc	06-Dec-2019 13:04:57	77	6610.0000	XLON	11003110000142899-E0gPQy8PY6ki20191206
J.P. Morgan Securities plc	06-Dec-2019 13:04:57	75	6610.0000	XLON	11003110000142899-E0gPQy8PY6kk20191206
J.P. Morgan Securities plc	06-Dec-2019 13:04:57	74	6610.0000	XLON	11003110000142899-E0gPQy8PY6ko20191206
J.P. Morgan Securities plc	06-Dec-2019 13:04:57	320	6610.0000	XLON	11003110000142899-E0gPQy8PY6kg20191206
J.P. Morgan Securities plc	06-Dec-2019 13:04:57	403	6610.0000	XLON	11003110000142899-E0gPQy8PY6km20191206
J.P. Morgan Securities plc	06-Dec-2019 13:05:36	169	6610.0000	XLON	01003010000143289-E0gPQy8PY7RO20191206
J.P. Morgan Securities plc	06-Dec-2019 13:05:59	186	6608.0000	XLON	11003110000143212-E0gPQy8PY7hc20191206
J.P. Morgan Securities plc	06-Dec-2019 13:06:29	102	6600.0000	XLON	01003010000143535-E0gPQy8PY7zk20191206
J.P. Morgan Securities plc	06-Dec-2019 13:06:29	66	6600.0000	XLON	01003010000143535-E0gPQy8PY7zM20191206
J.P. Morgan Securities plc	06-Dec-2019 13:07:17	200	6600.0000	XLON	11003110000143709-E0gPQy8PY8NC20191206
J.P. Morgan Securities plc	06-Dec-2019 13:07:17	109	6600.0000	XLON	11003110000143709-E0gPQy8PY8N920191206
J.P. Morgan Securities plc	06-Dec-2019 13:07:17	75	6602.0000	XLON	11003110000143776-E0gPQy8PY8Mu20191206
J.P. Morgan Securities plc	06-Dec-2019 13:07:17	145	6602.0000	XLON	11003110000143776-E0gPQy8PY8Ms20191206
J.P. Morgan Securities plc	06-Dec-2019 13:07:17	39	6602.0000	XLON	11003110000143776-E0gPQy8PY8Mw20191206
J.P. Morgan Securities plc	06-Dec-2019 13:07:17	32	6602.0000	XLON	11003110000143776-E0gPQy8PY8My20191206
J.P. Morgan Securities plc	06-Dec-2019 13:07:18	45	6600.0000	XLON	11003110000143709-E0gPQy8PY8Ny20191206
J.P. Morgan Securities plc	06-Dec-2019 13:08:44	75	6600.0000	XLON	01003010000144355-E0gPQy8PY94H20191206
J.P. Morgan Securities plc	06-Dec-2019 13:08:44	83	6600.0000	XLON	01003010000144355-E0gPQy8PY94J20191206
J.P. Morgan Securities plc	06-Dec-2019 13:08:44	92	6600.0000	XLON	01003010000144355-E0gPQy8PY94L20191206
J.P. Morgan Securities plc	06-Dec-2019 13:08:52	34	6600.0000	XLON	01003010000144387-E0gPQy8PY98X20191206
J.P. Morgan Securities plc	06-Dec-2019 13:08:52	73	6600.0000	XLON	01003010000144387-E0gPQy8PY98b20191206
J.P. Morgan Securities plc	06-Dec-2019 13:08:57	89	6600.0000	XLON	01003010000144387-E0gPQy8PY99k20191206
J.P. Morgan Securities plc	06-Dec-2019 13:11:04	41	6620.0000	XLON	11003110000145374-E0gPQy8PYAPx20191206
J.P. Morgan Securities plc	06-Dec-2019 13:16:29	84	6630.0000	XLON	11003110000148022-E0gPQy8PYDIO20191206
J.P. Morgan Securities plc	06-Dec-2019 13:16:29	75	6630.0000	XLON	11003110000148022-E0gPQy8PYDIM20191206
J.P. Morgan Securities plc	06-Dec-2019 13:16:33	77	6630.0000	XLON	01003010000148118-E0gPQy8PYDKJ20191206
J.P. Morgan Securities plc	06-Dec-2019 13:17:21	22	6630.0000	XLON	11003110000148303-E0gPQy8PYDXf20191206
J.P. Morgan Securities plc	06-Dec-2019 13:17:21	19	6630.0000	XLON	11003110000148303-E0gPQy8PYDXj20191206
J.P. Morgan Securities plc	06-Dec-2019 13:17:21	84	6630.0000	XLON	11003110000148303-E0gPQy8PYDXh20191206
J.P. Morgan Securities plc	06-Dec-2019 13:17:21	45	6630.0000	XLON	11003110000148303-E0gPQy8PYDXi20191206
J.P. Morgan Securities plc	06-Dec-2019 13:19:21	93	6630.0000	XLON	11003110000149009-E0gPQy8PYEYI20191206
J.P. Morgan Securities plc	06-Dec-2019 13:19:21	38	6630.0000	XLON	01003010000148879-E0gPQy8PYEYG20191206
J.P. Morgan Securities plc	06-Dec-2019 13:19:21	169	6630.0000	XLON	01003010000148797-E0gPQy8PYEYC20191206
J.P. Morgan Securities plc	06-Dec-2019 13:20:13	203	6626.0000	XLON	01003010000149603-E0gPQy8PYF5z20191206
J.P. Morgan Securities plc	06-Dec-2019 13:21:11	14	6626.0000	XLON	01003010000149826-E0gPQy8PYGAF20191206
J.P. Morgan Securities plc	06-Dec-2019 13:21:12	121	6626.0000	XLON	01003010000149826-E0gPQy8PYGAe20191206
J.P. Morgan Securities plc	06-Dec-2019 13:22:52	50	6628.0000	XLON	11003110000150730-E0gPQy8PYGuq20191206
J.P. Morgan Securities plc	06-Dec-2019 13:22:52	71	6628.0000	XLON	11003110000150743-E0gPQy8PYGus20191206
J.P. Morgan Securities plc	06-Dec-2019 13:22:52	119	6628.0000	XLON	11003110000150818-E0gPQy8PYGv020191206

J.P. Morgan Securities plc	06-Dec-2019 13:22:52	233	6628.0000	XLON	01003010000150825-E0gPQy8PYGuo20191206
J.P. Morgan Securities plc	06-Dec-2019 13:22:52	117	6628.0000	XLON	11003110000150818-E0gPQy8PYGv520191206
J.P. Morgan Securities plc	06-Dec-2019 13:28:02	201	6630.0000	XLON	01003010000153729-E0gPQy8PYJj620191206
J.P. Morgan Securities plc	06-Dec-2019 13:28:02	69	6630.0000	XLON	01003010000153711-E0gPQy8PYJj220191206
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J.P. Morgan Securities plc	06-Dec-2019 13:29:09	146	6632.0000	XLON	01003010000154445-E0gPQy8PYKUX20191206
J.P. Morgan Securities plc	06-Dec-2019 13:29:09	38	6632.0000	XLON	11003110000154387-E0gPQy8PYKUR20191206
J.P. Morgan Securities plc	06-Dec-2019 13:29:09	42	6632.0000	XLON	11003110000154394-E0gPQy8PYKUT20191206
J.P. Morgan Securities plc	06-Dec-2019 13:29:09	54	6632.0000	XLON	11003110000154399-E0gPQy8PYKUV20191206
J.P. Morgan Securities plc	06-Dec-2019 13:30:01	53	6628.0000	XLON	11003110000154430-E0gPQy8PYLcQ20191206
J.P. Morgan Securities plc	06-Dec-2019 13:31:27	6	6644.0000	XLON	11003110000156334-E0gPQy8PYSIX20191206
J.P. Morgan Securities plc	06-Dec-2019 13:31:27	32	6644.0000	XLON	11003110000156334-E0gPQy8PYSIa20191206
J.P. Morgan Securities plc	06-Dec-2019 13:31:27	24	6644.0000	XLON	11003110000156334-E0gPQy8PYSIc20191206
J.P. Morgan Securities plc	06-Dec-2019 13:31:27	86	6644.0000	XLON	11003110000156334-E0gPQy8PYSIV20191206
J.P. Morgan Securities plc	06-Dec-2019 13:31:32	178	6642.0000	XLON	01003010000156343-E0gPQy8PYSwR20191206
J.P. Morgan Securities plc	06-Dec-2019 13:31:33	2	6640.0000	XLON	01003010000156446-E0gPQy8PYSzE20191206
J.P. Morgan Securities plc	06-Dec-2019 13:32:15	113	6642.0000	XLON	01003010000156822-E0gPQy8PYUBB20191206
J.P. Morgan Securities plc	06-Dec-2019 13:32:15	61	6640.0000	XLON	11003110000156856-E0gPQy8PYUBT20191206
J.P. Morgan Securities plc	06-Dec-2019 13:32:15	87	6644.0000	XLON	01003010000156916-E0gPQy8PYUB720191206
J.P. Morgan Securities plc	06-Dec-2019 13:34:52	37	6632.0000	XLON	01003010000158457-E0gPQy8PYXd20191206
J.P. Morgan Securities plc	06-Dec-2019 13:35:05	42	6632.0000	XLON	01003010000158616-E0gPQy8PYYGq20191206
J.P. Morgan Securities plc	06-Dec-2019 13:35:18	42	6632.0000	XLON	11003110000158713-E0gPQy8PYYcV20191206
J.P. Morgan Securities plc	06-Dec-2019 13:35:24	22	6632.0000	XLON	01003010000158811-E0gPQy8PYYiu20191206
J.P. Morgan Securities plc	06-Dec-2019 13:35:24	42	6632.0000	XLON	01003010000158811-E0gPQy8PYYis20191206
J.P. Morgan Securities plc	06-Dec-2019 13:35:37	43	6632.0000	XLON	11003110000158892-E0gPQy8PYYuU20191206
J.P. Morgan Securities plc	06-Dec-2019 13:35:50	44	6632.0000	XLON	11003110000158988-E0gPQy8PYZ7R20191206
J.P. Morgan Securities plc	06-Dec-2019 13:35:50	220	6630.0000	XLON	01003010000158222-E0gPQy8PYZ7v20191206
J.P. Morgan Securities plc	06-Dec-2019 13:36:05	73	6626.0000	XLON	01003010000158458-E0gPQy8PYZQW20191206
J.P. Morgan Securities plc	06-Dec-2019 13:37:19	38	6636.0000	XLON	01003010000159707-E0gPQy8PYacn20191206
J.P. Morgan Securities plc	06-Dec-2019 13:37:29	12	6636.0000	XLON	01003010000159707-E0gPQy8PYahf20191206
J.P. Morgan Securities plc	06-Dec-2019 13:40:33	30	6640.0000	XLON	01003010000161491-E0gPQy8PYdkY20191206
J.P. Morgan Securities plc	06-Dec-2019 13:40:33	7	6640.0000	XLON	01003010000161491-E0gPQy8PYdka20191206
J.P. Morgan Securities plc	06-Dec-2019 13:40:33	37	6640.0000	XLON	01003010000161524-E0gPQy8PYdkk20191206
J.P. Morgan Securities plc	06-Dec-2019 13:40:33	6	6640.0000	XLON	01003010000161522-E0gPQy8PYdkg20191206
J.P. Morgan Securities plc	06-Dec-2019 13:40:33	47	6640.0000	XLON	11003110000161507-E0gPQy8PYdkm20191206
J.P. Morgan Securities plc	06-Dec-2019 13:40:33	77	6636.0000	XLON	01003010000161525-E0gPQy8PYdlE20191206
J.P. Morgan Securities plc	06-Dec-2019 13:40:33	70	6640.0000	XLON	11003110000161491-E0gPQy8PYdke20191206
J.P. Morgan Securities plc	06-Dec-2019 13:40:33	42	6640.0000	XLON	11003110000161145-E0gPQy8PYdkQ20191206
J.P. Morgan Securities plc	06-Dec-2019 13:40:33	15	6640.0000	XLON	11003110000161491-E0gPQy8PYdkc20191206
J.P. Morgan Securities plc	06-Dec-2019 13:40:33	157	6640.0000	XLON	01003010000161288-E0gPQy8PYdkU20191206
J.P. Morgan Securities plc	06-Dec-2019 13:40:34	37	6640.0000	XLON	11003110000161506-E0gPQy8PYdki20191206
J.P. Morgan Securities plc	06-Dec-2019 13:40:34	37	6636.0000	XLON	11003110000161493-E0gPQy8PYdlC20191206
J.P. Morgan Securities plc	06-Dec-2019 13:42:17	119	6640.0000	XLON	01003010000162400-E0gPQy8PYfaF20191206
J.P. Morgan Securities plc	06-Dec-2019 13:42:18	40	6638.0000	XLON	01003010000162500-E0gPQy8PYfbf20191206
J.P. Morgan Securities plc	06-Dec-2019 13:42:18	32	6638.0000	XLON	01003010000162500-E0gPQy8PYfbd20191206
J.P. Morgan Securities plc	06-Dec-2019 13:42:23	75	6636.0000	XLON	01003010000162143-E0gPQy8PYffw20191206
J.P. Morgan Securities plc	06-Dec-2019 13:43:44	38	6638.0000	XLON	11003110000163216-E0gPQy8PYgcY20191206
J.P. Morgan Securities plc	06-Dec-2019 13:43:44	1	6638.0000	XLON	11003110000163216-E0gPQy8PYgca20191206
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J.P. Morgan Securities plc	06-Dec-2019 13:47:35	37	6646.0000	XLON	01003010000165385-E0gPQy8PYkDv20191206
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J.P. Morgan Securities plc	06-Dec-2019 13:47:35	37	6646.0000	XLON	01003010000164280-E0gPQy8PYkDn20191206
J.P. Morgan Securities plc	06-Dec-2019 13:47:35	37	6646.0000	XLON	01003010000165395-E0gPQy8PYkDz20191206
J.P. Morgan Securities plc	06-Dec-2019 13:47:35	38	6646.0000	XLON	01003010000165396-E0gPQy8PYkE520191206
J.P. Morgan Securities plc	06-Dec-2019 13:47:35	9	6646.0000	XLON	11003110000165365-E0gPQy8PYkE120191206
J.P. Morgan Securities plc	06-Dec-2019 13:47:36	498	6640.0000	XLON	01003010000165428-E0gPQy8PYkGf20191206
J.P. Morgan Securities plc	06-Dec-2019 13:48:40	22	6642.0000	XLON	11003110000165770-E0gPQy8PYIH720191206
J.P. Morgan Securities plc	06-Dec-2019 13:48:40	45	6642.0000	XLON	01003010000165810-E0gPQy8PYIH920191206
J.P. Morgan Securities plc	06-Dec-2019 13:48:40	75	6642.0000	XLON	01003010000165803-E0gPQy8PYIH520191206
J.P. Morgan Securities plc	06-Dec-2019 13:48:40	139	6642.0000	XLON	11003110000165758-E0gPQy8PYIGz20191206
J.P. Morgan Securities plc	06-Dec-2019 13:48:40	57	6642.0000	XLON	11003110000165748-E0gPQy8PYIGv20191206
J.P. Morgan Securities plc	06-Dec-2019 13:48:40	78	6642.0000	XLON	11003110000165760-E0gPQy8PYIH120191206
J.P. Morgan Securities plc	06-Dec-2019 13:48:44	78	6638.0000	XLON	01003010000165806-E0gPQy8PYINB20191206
J.P. Morgan Securities plc	06-Dec-2019 13:48:44	45	6638.0000	XLON	11003110000165767-E0gPQy8PYIN920191206
J.P. Morgan Securities plc	06-Dec-2019 13:51:06	1	6640.0000	XLON	01003010000166465-E0gPQy8PYn1q20191206
J.P. Morgan Securities plc	06-Dec-2019 13:51:06	29	6640.0000	XLON	11003110000166427-E0gPQy8PYn1k20191206
J.P. Morgan Securities plc	06-Dec-2019 13:51:06	54	6640.0000	XLON	11003110000166427-E0gPQy8PYn1m20191206
J.P. Morgan Securities plc	06-Dec-2019 13:51:06	36	6640.0000	XLON	01003010000166465-E0gPQy8PYn1o20191206
J.P. Morgan Securities plc	06-Dec-2019 13:51:24	162	6640.0000	XLON	01003010000166867-E0gPQy8PYnTG20191206
J.P. Morgan Securities plc	06-Dec-2019 13:51:37	145	6638.0000	XLON	01003010000166420-E0gPQy8PYngt20191206
J.P. Morgan Securities plc	06-Dec-2019 13:52:04	97	6638.0000	XLON	01003010000167218-E0gPQy8PYo0o20191206
J.P. Morgan Securities plc	06-Dec-2019 13:52:04	23	6638.0000	XLON	01003010000166420-E0gPQy8PYo0c20191206
J.P. Morgan Securities plc	06-Dec-2019 13:52:04	236	6638.0000	XLON	01003010000167177-E0gPQy8PYo0k20191206
J.P. Morgan Securities plc	06-Dec-2019 13:52:04	125	6638.0000	XLON	11003110000167156-E0gPQy8PYo0m20191206
J.P. Morgan Securities plc	06-Dec-2019 13:54:02	77	6642.0000	XLON	01003010000168076-E0gPQy8PYpwU20191206
J.P. Morgan Securities plc	06-Dec-2019 13:54:02	159	6642.0000	XLON	01003010000168076-E0gPQy8PYpwS20191206
J.P. Morgan Securities plc	06-Dec-2019 13:54:02	50	6644.0000	XLON	01003010000168168-E0gPQy8PYpwI20191206
J.P. Morgan Securities plc	06-Dec-2019 13:54:39	68	6640.0000	XLON	11003110000168112-E0gPQy8PYqYP20191206
J.P. Morgan Securities plc	06-Dec-2019 13:54:39	50	6640.0000	XLON	11003110000168112-E0gPQy8PYqYN20191206

J.P. Morgan Securities plc	06-Dec-2019 13:55:38	48	6642.0000	XLON	11003110000168837-E0gPQy8PYrD420191206
J.P. Morgan Securities plc	06-Dec-2019 13:55:51	43	6642.0000	XLON	01003010000168951-E0gPQy8PYrRK20191206
J.P. Morgan Securities plc	06-Dec-2019 13:55:51	75	6642.0000	XLON	01003010000168951-E0gPQy8PYrRM20191206
J.P. Morgan Securities plc	06-Dec-2019 13:56:26	160	6640.0000	XLON	01003010000168772-E0gPQy8PYrx320191206
J.P. Morgan Securities plc	06-Dec-2019 13:57:27	76	6640.0000	XLON	11003110000169625-E0gPQy8PYshX20191206
J.P. Morgan Securities plc	06-Dec-2019 13:57:27	98	6640.0000	XLON	11003110000169625-E0gPQy8PYsha20191206
J.P. Morgan Securities plc	06-Dec-2019 13:57:27	130	6640.0000	XLON	11003110000169526-E0gPQy8PYshV20191206
J.P. Morgan Securities plc	06-Dec-2019 13:57:33	116	6638.0000	XLON	01003010000169640-E0gPQy8PYsl420191206
J.P. Morgan Securities plc	06-Dec-2019 13:59:24	181	6636.0000	XLON	11003110000170432-E0gPQy8PYuBk20191206
J.P. Morgan Securities plc	06-Dec-2019 13:59:24	35	6636.0000	XLON	11003110000170432-E0gPQy8PYuBi20191206
J.P. Morgan Securities plc	06-Dec-2019 14:01:32	43	6642.0000	XLON	11003110000171238-E0gPQy8PYvuQ20191206
J.P. Morgan Securities plc	06-Dec-2019 14:01:32	38	6642.0000	XLON	01003010000171280-E0gPQy8PYvuO20191206
J.P. Morgan Securities plc	06-Dec-2019 14:01:32	75	6642.0000	XLON	11003110000171163-E0gPQy8PYvuK20191206
J.P. Morgan Securities plc	06-Dec-2019 14:01:32	49	6642.0000	XLON	01003010000171207-E0gPQy8PYvuM20191206
J.P. Morgan Securities plc	06-Dec-2019 14:01:32	95	6642.0000	XLON	01003010000171108-E0gPQy8PYvuA20191206
J.P. Morgan Securities plc	06-Dec-2019 14:01:32	45	6642.0000	XLON	11003110000171066-E0gPQy8PYvuC20191206
J.P. Morgan Securities plc	06-Dec-2019 14:01:32	68	6642.0000	XLON	11003110000171066-E0gPQy8PYvuE20191206
J.P. Morgan Securities plc	06-Dec-2019 14:01:36	69	6638.0000	XLON	01003010000171281-E0gPQy8PYvwl20191206
J.P. Morgan Securities plc	06-Dec-2019 14:02:27	7	6638.0000	XLON	01003010000171580-E0gPQy8PYwaT20191206
J.P. Morgan Securities plc	06-Dec-2019 14:02:27	153	6638.0000	XLON	11003110000171557-E0gPQy8PYwa720191206
J.P. Morgan Securities plc	06-Dec-2019 14:02:27	73	6638.0000	XLON	01003010000171580-E0gPQy8PYwa920191206
J.P. Morgan Securities plc	06-Dec-2019 14:02:27	38	6638.0000	XLON	01003010000171580-E0gPQy8PYwaC20191206
J.P. Morgan Securities plc	06-Dec-2019 14:05:07	65	6642.0000	XLON	11003110000172721-E0gPQy8PYyWV20191206
J.P. Morgan Securities plc	06-Dec-2019 14:05:07	56	6638.0000	XLON	11003110000172789-E0gPQy8PYyWz20191206
J.P. Morgan Securities plc	06-Dec-2019 14:05:07	71	6642.0000	XLON	11003110000172655-E0gPQy8PYyWR20191206
J.P. Morgan Securities plc	06-Dec-2019 14:07:21	38	6646.0000	XLON	01003010000173984-E0gPQy8PZ0cE20191206
J.P. Morgan Securities plc	06-Dec-2019 14:07:34	34	6646.0000	XLON	01003010000174093-E0gPQy8PZ0ss20191206
J.P. Morgan Securities plc	06-Dec-2019 14:07:34	50	6646.0000	XLON	01003010000174093-E0gPQy8PZ0sq20191206
J.P. Morgan Securities plc	06-Dec-2019 14:08:41	98	6644.0000	XLON	11003110000174032-E0gPQy8PZ1ct20191206
J.P. Morgan Securities plc	06-Dec-2019 14:12:07	37	6648.0000	XLON	01003010000175881-E0gPQy8PZ4hv20191206
J.P. Morgan Securities plc	06-Dec-2019 14:12:07	37	6648.0000	XLON	01003010000175805-E0gPQy8PZ4hr20191206
J.P. Morgan Securities plc	06-Dec-2019 14:12:07	51	6648.0000	XLON	01003010000175767-E0gPQy8PZ4hn20191206
J.P. Morgan Securities plc	06-Dec-2019 14:12:07	37	6648.0000	XLON	01003010000175895-E0gPQy8PZ4hz20191206
J.P. Morgan Securities plc	06-Dec-2019 14:12:07	37	6648.0000	XLON	01003010000175886-E0gPQy8PZ4hx20191206
J.P. Morgan Securities plc	06-Dec-2019 14:12:07	256	6648.0000	XLON	11003110000175690-E0gPQy8PZ4hp20191206
J.P. Morgan Securities plc	06-Dec-2019 14:12:07	37	6648.0000	XLON	11003110000175770-E0gPQy8PZ4ht20191206
J.P. Morgan Securities plc	06-Dec-2019 14:12:07	55	6648.0000	XLON	11003110000175910-E0gPQy8PZ4i520191206
J.P. Morgan Securities plc	06-Dec-2019 14:13:34	49	6650.0000	XLON	01003010000176711-E0gPQy8PZ6CC20191206
J.P. Morgan Securities plc	06-Dec-2019 14:13:35	75	6650.0000	XLON	01003010000176721-E0gPQy8PZ6Cc20191206
J.P. Morgan Securities plc	06-Dec-2019 14:13:35	73	6650.0000	XLON	01003010000176721-E0gPQy8PZ6Ca20191206
J.P. Morgan Securities plc	06-Dec-2019 14:13:37	75	6650.0000	XLON	01003010000176732-E0gPQy8PZ6Ds20191206
J.P. Morgan Securities plc	06-Dec-2019 14:13:37	73	6650.0000	XLON	01003010000176732-E0gPQy8PZ6Dq20191206
J.P. Morgan Securities plc	06-Dec-2019 14:14:23	55	6650.0000	XLON	01003010000177047-E0gPQy8PZ6r920191206
J.P. Morgan Securities plc	06-Dec-2019 14:14:37	70	6650.0000	XLON	01003010000177128-E0gPQy8PZ6zA20191206
J.P. Morgan Securities plc	06-Dec-2019 14:14:37	14	6650.0000	XLON	01003010000177128-E0gPQy8PZ6zC20191206
J.P. Morgan Securities plc	06-Dec-2019 14:15:05	49	6650.0000	XLON	11003110000177223-E0gPQy8PZ7HR20191206
J.P. Morgan Securities plc	06-Dec-2019 14:15:05	128	6650.0000	XLON	11003110000177223-E0gPQy8PZ7HT20191206
J.P. Morgan Securities plc	06-Dec-2019 14:15:59	58	6652.0000	XLON	11003110000177589-E0gPQy8PZ82k20191206
J.P. Morgan Securities plc	06-Dec-2019 14:15:59	25	6652.0000	XLON	11003110000177589-E0gPQy8PZ82m20191206
J.P. Morgan Securities plc	06-Dec-2019 14:16:13	70	6652.0000	XLON	01003010000177778-E0gPQy8PZ8HX20191206
J.P. Morgan Securities plc	06-Dec-2019 14:16:59	65	6656.0000	XLON	11003110000177928-E0gPQy8PZ8gO20191206
J.P. Morgan Securities plc	06-Dec-2019 14:17:02	64	6656.0000	XLON	11003110000177946-E0gPQy8PZ8ii20191206
J.P. Morgan Securities plc	06-Dec-2019 14:17:02	75	6656.0000	XLON	11003110000177946-E0gPQy8PZ8ig20191206
J.P. Morgan Securities plc	06-Dec-2019 14:17:04	40	6656.0000	XLON	11003110000177956-E0gPQy8PZ8jh20191206
J.P. Morgan Securities plc	06-Dec-2019 14:18:36	91	6648.0000	XLON	11003110000178403-E0gPQy8PZA5H20191206
J.P. Morgan Securities plc	06-Dec-2019 14:18:36	224	6648.0000	XLON	01003010000178517-E0gPQy8PZA5F20191206
J.P. Morgan Securities plc	06-Dec-2019 14:18:36	38	6648.0000	XLON	01003010000178651-E0gPQy8PZA5T20191206
J.P. Morgan Securities plc	06-Dec-2019 14:18:36	71	6648.0000	XLON	11003110000178525-E0gPQy8PZA5R20191206
J.P. Morgan Securities plc	06-Dec-2019 14:18:36	38	6648.0000	XLON	01003010000178634-E0gPQy8PZA5N20191206
J.P. Morgan Securities plc	06-Dec-2019 14:18:36	3	6648.0000	XLON	11003110000178519-E0gPQy8PZA5P20191206
J.P. Morgan Securities plc	06-Dec-2019 14:18:36	59	6648.0000	XLON	01003010000178652-E0gPQy8PZA5V20191206
J.P. Morgan Securities plc	06-Dec-2019 14:20:16	299	6650.0000	XLON	11003110000179229-E0gPQy8PZBVT20191206
J.P. Morgan Securities plc	06-Dec-2019 14:21:56	118	6650.0000	XLON	11003110000179761-E0gPQy8PZCaW20191206
J.P. Morgan Securities plc	06-Dec-2019 14:21:56	26	6650.0000	XLON	11003110000179761-E0gPQy8PZCaY20191206
J.P. Morgan Securities plc	06-Dec-2019 14:21:56	306	6650.0000	XLON	11003110000179761-E0gPQy8PZCaU20191206
J.P. Morgan Securities plc	06-Dec-2019 14:21:56	22	6650.0000	XLON	11003110000179761-E0gPQy8PZCaa20191206
J.P. Morgan Securities plc	06-Dec-2019 14:22:18	373	6650.0000	XLON	11003110000179890-E0gPQy8PZCIV20191206
J.P. Morgan Securities plc	06-Dec-2019 14:22:18	53	6650.0000	XLON	11003110000179890-E0gPQy8PZCIT20191206
J.P. Morgan Securities plc	06-Dec-2019 14:23:19	119	6648.0000	XLON	01003010000178652-E0gPQy8PZDNo20191206
J.P. Morgan Securities plc	06-Dec-2019 14:23:23	105	6644.0000	XLON	01003010000178613-E0gPQy8PZDRM20191206
J.P. Morgan Securities plc	06-Dec-2019 14:23:47	28	6640.0000	XLON	11003110000180435-E0gPQy8PZDir20191206
J.P. Morgan Securities plc	06-Dec-2019 14:23:51	102	6640.0000	XLON	11003110000180435-E0gPQy8PZDrP20191206
J.P. Morgan Securities plc	06-Dec-2019 14:24:09	108	6642.0000	XLON	11003110000180626-E0gPQy8PZE6v20191206
J.P. Morgan Securities plc	06-Dec-2019 14:27:31	75	6644.0000	XLON	11003110000181872-E0gPQy8PZGQ520191206
J.P. Morgan Securities plc	06-Dec-2019 14:27:31	74	6644.0000	XLON	11003110000181872-E0gPQy8PZGQ320191206
J.P. Morgan Securities plc	06-Dec-2019 14:27:44	47	6644.0000	XLON	01003010000182114-E0gPQy8PZGZw20191206
J.P. Morgan Securities plc	06-Dec-2019 14:27:44	75	6644.0000	XLON	01003010000182114-E0gPQy8PZGZu20191206
J.P. Morgan Securities plc	06-Dec-2019 14:28:44	75	6644.0000	XLON	11003110000182388-E0gPQy8PZHQ420191206
J.P. Morgan Securities plc	06-Dec-2019 14:28:44	30	6644.0000	XLON	11003110000182388-E0gPQy8PZHQ220191206
J.P. Morgan Securities plc	06-Dec-2019 14:30:00	162	6642.0000	XLON	11003110000182490-E0gPQy8PZIIK20191206
J.P. Morgan Securities plc	06-Dec-2019 14:30:00	9	6642.0000	XLON	11003110000182490-E0gPQy8PZIII20191206

J.P. Morgan Securities plc	06-Dec-2019 16:05:14	45	6682.0000	XLON	01003010000223533-E0gPQy8PawgD20191206
J.P. Morgan Securities plc	06-Dec-2019 16:05:14	12	6682.0000	XLON	01003010000223533-E0gPQy8PawgJ20191206
J.P. Morgan Securities plc	06-Dec-2019 16:06:35	51	6682.0000	XLON	11003110000224111-E0gPQy8PayJd20191206
J.P. Morgan Securities plc	06-Dec-2019 16:06:35	234	6682.0000	XLON	01003010000224247-E0gPQy8PayJh20191206
J.P. Morgan Securities plc	06-Dec-2019 16:06:35	301	6682.0000	XLON	01003010000224092-E0gPQy8PayJb20191206
J.P. Morgan Securities plc	06-Dec-2019 16:06:35	54	6682.0000	XLON	11003110000224270-E0gPQy8PayJj20191206
J.P. Morgan Securities plc	06-Dec-2019 16:06:35	40	6682.0000	XLON	01003010000224248-E0gPQy8PayJl20191206
J.P. Morgan Securities plc	06-Dec-2019 16:07:07	91	6678.0000	XLON	01003010000224422-E0gPQy8Payzz20191206
J.P. Morgan Securities plc	06-Dec-2019 16:07:07	79	6678.0000	XLON	01003010000224422-E0gPQy8Payzx20191206
J.P. Morgan Securities plc	06-Dec-2019 16:07:07	69	6678.0000	XLON	01003010000224422-E0gPQy8Payzt20191206
J.P. Morgan Securities plc	06-Dec-2019 16:07:07	120	6678.0000	XLON	01003010000224422-E0gPQy8Payzv20191206
J.P. Morgan Securities plc	06-Dec-2019 16:07:07	75	6678.0000	XLON	01003010000224422-E0gPQy8Payzr20191206
J.P. Morgan Securities plc	06-Dec-2019 16:09:23	47	6680.0000	XLON	11003110000225207-E0gPQy8Pb18o20191206
J.P. Morgan Securities plc	06-Dec-2019 16:09:23	39	6680.0000	XLON	11003110000225207-E0gPQy8Pb18q20191206
J.P. Morgan Securities plc	06-Dec-2019 16:09:36	23	6680.0000	XLON	11003110000225294-E0gPQy8Pb1KD20191206
J.P. Morgan Securities plc	06-Dec-2019 16:09:49	12	6678.0000	XLON	11003110000225360-E0gPQy8Pb1WR20191206
J.P. Morgan Securities plc	06-Dec-2019 16:09:49	75	6678.0000	XLON	11003110000225360-E0gPQy8Pb1WP20191206
J.P. Morgan Securities plc	06-Dec-2019 16:10:02	75	6678.0000	XLON	01003010000225389-E0gPQy8Pb1hu20191206
J.P. Morgan Securities plc	06-Dec-2019 16:10:02	196	6678.0000	XLON	01003010000225389-E0gPQy8Pb1hw20191206
J.P. Morgan Securities plc	06-Dec-2019 16:10:27	32	6678.0000	XLON	01003010000225576-E0gPQy8Pb28920191206
J.P. Morgan Securities plc	06-Dec-2019 16:10:41	306	6678.0000	XLON	11003110000225673-E0gPQy8Pb2H220191206
J.P. Morgan Securities plc	06-Dec-2019 16:11:22	45	6676.0000	XLON	11003110000225753-E0gPQy8Pb2pF20191206
J.P. Morgan Securities plc	06-Dec-2019 16:11:22	325	6676.0000	XLON	11003110000225753-E0gPQy8Pb2pl20191206
J.P. Morgan Securities plc	06-Dec-2019 16:12:07	75	6674.0000	XLON	01003010000226186-E0gPQy8Pb3QS20191206
J.P. Morgan Securities plc	06-Dec-2019 16:12:07	69	6674.0000	XLON	01003010000226186-E0gPQy8Pb3QU20191206
J.P. Morgan Securities plc	06-Dec-2019 16:12:21	34	6674.0000	XLON	11003110000226272-E0gPQy8Pb3gM20191206
J.P. Morgan Securities plc	06-Dec-2019 16:12:42	48	6676.0000	XLON	01003010000226480-E0gPQy8Pb40120191206
J.P. Morgan Securities plc	06-Dec-2019 16:12:42	33	6676.0000	XLON	01003010000226480-E0gPQy8Pb3zz20191206
J.P. Morgan Securities plc	06-Dec-2019 16:13:48	32	6674.0000	XLON	11003110000226853-E0gPQy8Pb55K20191206
J.P. Morgan Securities plc	06-Dec-2019 16:13:48	69	6674.0000	XLON	11003110000226853-E0gPQy8Pb55L20191206
J.P. Morgan Securities plc	06-Dec-2019 16:13:48	75	6674.0000	XLON	11003110000226853-E0gPQy8Pb55G20191206
J.P. Morgan Securities plc	06-Dec-2019 16:13:48	40	6674.0000	XLON	11003110000226853-E0gPQy8Pb55M20191206
J.P. Morgan Securities plc	06-Dec-2019 16:13:48	95	6674.0000	XLON	11003110000226853-E0gPQy8Pb55O20191206
J.P. Morgan Securities plc	06-Dec-2019 16:13:48	106	6674.0000	XLON	11003110000226853-E0gPQy8Pb55Q20191206
J.P. Morgan Securities plc	06-Dec-2019 16:14:38	307	6672.0000	XLON	11003110000226185-E0gPQy8Pb5rj20191206
J.P. Morgan Securities plc	06-Dec-2019 16:17:05	73	6668.0000	XLON	01003010000228681-E0gPQy8Pb8uK20191206
J.P. Morgan Securities plc	06-Dec-2019 16:17:05	38	6668.0000	XLON	01003010000228710-E0gPQy8Pb8uO20191206
J.P. Morgan Securities plc	06-Dec-2019 16:17:05	232	6668.0000	XLON	01003010000228710-E0gPQy8Pb8uM20191206
J.P. Morgan Securities plc	06-Dec-2019 16:17:05	242	6668.0000	XLON	01003010000228671-E0gPQy8Pb8ul20191206
J.P. Morgan Securities plc	06-Dec-2019 16:17:08	118	6668.0000	XLON	01003010000228740-E0gPQy8Pb8ve20191206
J.P. Morgan Securities plc	06-Dec-2019 16:17:08	75	6668.0000	XLON	01003010000228740-E0gPQy8Pb8vc20191206
J.P. Morgan Securities plc	06-Dec-2019 16:21:21	107	6672.0000	XLON	11003110000230791-E0gPQy8PbD5i20191206
J.P. Morgan Securities plc	06-Dec-2019 16:21:21	298	6672.0000	XLON	01003010000230715-E0gPQy8PbD5V20191206
J.P. Morgan Securities plc	06-Dec-2019 16:21:21	87	6672.0000	XLON	01003010000230720-E0gPQy8PbD5X20191206
J.P. Morgan Securities plc	06-Dec-2019 16:21:21	30	6672.0000	XLON	01003010000230859-E0gPQy8PbD5d20191206
J.P. Morgan Securities plc	06-Dec-2019 16:21:21	113	6672.0000	XLON	01003010000230859-E0gPQy8PbD5g20191206
J.P. Morgan Securities plc	06-Dec-2019 16:21:21	25	6672.0000	XLON	01003010000230859-E0gPQy8PbD5b20191206
J.P. Morgan Securities plc	06-Dec-2019 16:21:21	75	6672.0000	XLON	01003010000230858-E0gPQy8PbD5Z20191206
J.P. Morgan Securities plc	06-Dec-2019 16:21:42	75	6672.0000	XLON	01003010000230981-E0gPQy8PbDUh20191206
J.P. Morgan Securities plc	06-Dec-2019 16:21:42	122	6672.0000	XLON	01003010000230981-E0gPQy8PbDUj20191206
J.P. Morgan Securities plc	06-Dec-2019 16:21:42	10	6672.0000	XLON	01003010000230981-E0gPQy8PbDUI20191206
J.P. Morgan Securities plc	06-Dec-2019 16:22:08	116	6672.0000	XLON	11003110000231091-E0gPQy8PbDuU20191206
J.P. Morgan Securities plc	06-Dec-2019 16:22:08	75	6672.0000	XLON	11003110000231091-E0gPQy8PbDuW20191206
J.P. Morgan Securities plc	06-Dec-2019 16:24:22	113	6674.0000	XLON	01003010000231859-E0gPQy8PbFCZ20191206
J.P. Morgan Securities plc	06-Dec-2019 16:24:22	26	6674.0000	XLON	01003010000231859-E0gPQy8PbFCf20191206
J.P. Morgan Securities plc	06-Dec-2019 16:24:22	75	6674.0000	XLON	01003010000231859-E0gPQy8PbFCd20191206
J.P. Morgan Securities plc	06-Dec-2019 16:24:22	38	6674.0000	XLON	01003010000231859-E0gPQy8PbFCb20191206
J.P. Morgan Securities plc	06-Dec-2019 16:24:23	59	6672.0000	XLON	11003110000231904-E0gPQy8PbFYB20191206
J.P. Morgan Securities plc	06-Dec-2019 16:24:25	75	6672.0000	XLON	11003110000231904-E0gPQy8PbFY920191206
J.P. Morgan Securities plc	06-Dec-2019 16:24:28	57	6672.0000	XLON	11003110000232113-E0gPQy8PbG0q20191206
J.P. Morgan Securities plc	06-Dec-2019 16:24:31	90	6672.0000	XLON	11003110000232113-E0gPQy8PbG0s20191206
J.P. Morgan Securities plc	06-Dec-2019 16:27:06	84	6670.0000	XLON	11003110000233717-E0gPQy8PbK9q20191206
J.P. Morgan Securities plc	06-Dec-2019 16:28:12	39	6676.0000	XLON	11003110000234259-E0gPQy8PbLzy20191206
J.P. Morgan Securities plc	06-Dec-2019 16:28:13	14	6676.0000	XLON	01003010000234327-E0gPQy8PbM1220191206
J.P. Morgan Securities plc	06-Dec-2019 16:28:13	57	6676.0000	XLON	11003110000234260-E0gPQy8PbM0w20191206
J.P. Morgan Securities plc	06-Dec-2019 16:28:13	24	6676.0000	XLON	01003010000234321-E0gPQy8PbM0u20191206
J.P. Morgan Securities plc	06-Dec-2019 16:28:13	17	6676.0000	XLON	01003010000234322-E0gPQy8PbM0y20191206
J.P. Morgan Securities plc	06-Dec-2019 16:28:25	78	6676.0000	XLON	01003010000234327-E0gPQy8PbMIV20191206
J.P. Morgan Securities plc	06-Dec-2019 16:28:25	10	6676.0000	XLON	11003110000234269-E0gPQy8PbMIX20191206
J.P. Morgan Securities plc	06-Dec-2019 16:28:25	26	6676.0000	XLON	01003010000234405-E0gPQy8PbMIn20191206
J.P. Morgan Securities plc	06-Dec-2019 16:28:25	75	6676.0000	XLON	01003010000234405-E0gPQy8PbMIl20191206