

Broker	Transaction Date and Time	Volume	Price (GBP)	Platform	Transaction Reference Number
J.P. Morgan Securities plc	19-Jul-2019 08:01:14	127	5838.0000	XLON	0150201500000753-E0elsmPWUXQu20190719
J.P. Morgan Securities plc	19-Jul-2019 08:03:36	31	5846.0000	XLON	01502015000001533-E0elsmPWUbyW20190719
J.P. Morgan Securities plc	19-Jul-2019 08:03:54	28	5846.0000	XLON	11502115000001562-E0elsmPWUca820190719
J.P. Morgan Securities plc	19-Jul-2019 08:04:00	118	5844.0000	XLON	11502115000001117-E0elsmPWUcq820190719
J.P. Morgan Securities plc	19-Jul-2019 08:05:55	133	5854.0000	XLON	01502015000002162-E0elsmPWUibR20190719
J.P. Morgan Securities plc	19-Jul-2019 08:05:55	16	5854.0000	XLON	11502115000002135-E0elsmPWUibY20190719
J.P. Morgan Securities plc	19-Jul-2019 08:05:55	104	5854.0000	XLON	11502115000002121-E0elsmPWUibN20190719
J.P. Morgan Securities plc	19-Jul-2019 08:05:55	106	5854.0000	XLON	01502015000002153-E0elsmPWUibL20190719
J.P. Morgan Securities plc	19-Jul-2019 08:05:55	30	5854.0000	XLON	11502115000002135-E0elsmPWUibT20190719
J.P. Morgan Securities plc	19-Jul-2019 08:05:55	127	5854.0000	XLON	11502115000002129-E0elsmPWUibP20190719
J.P. Morgan Securities plc	19-Jul-2019 08:06:57	98	5854.0000	XLON	01502015000002439-E0elsmPWUIVO20190719
J.P. Morgan Securities plc	19-Jul-2019 08:07:41	192	5850.0000	XLON	01502015000002432-E0elsmPWUnPb20190719
J.P. Morgan Securities plc	19-Jul-2019 08:07:41	254	5852.0000	XLON	11502115000002617-E0elsmPWUnPU20190719
J.P. Morgan Securities plc	19-Jul-2019 08:07:45	118	5844.0000	XLON	01502015000002229-E0elsmPWUnam20190719
J.P. Morgan Securities plc	19-Jul-2019 08:09:52	127	5852.0000	XLON	01502015000002852-E0elsmPWUsuL20190719
J.P. Morgan Securities plc	19-Jul-2019 08:10:05	14	5848.0000	XLON	11502115000002745-E0elsmPWUtQO20190719
J.P. Morgan Securities plc	19-Jul-2019 08:10:11	108	5848.0000	XLON	01502015000002826-E0elsmPWUtb220190719
J.P. Morgan Securities plc	19-Jul-2019 08:10:11	128	5848.0000	XLON	11502115000002745-E0elsmPWUtb020190719
J.P. Morgan Securities plc	19-Jul-2019 08:11:47	114	5846.0000	XLON	11502115000003187-E0elsmPWUyBD20190719
J.P. Morgan Securities plc	19-Jul-2019 08:11:56	11	5842.0000	XLON	01502015000003058-E0elsmPWUyVo20190719
J.P. Morgan Securities plc	19-Jul-2019 08:12:02	31	5842.0000	XLON	01502015000003058-E0elsmPWUyJB20190719
J.P. Morgan Securities plc	19-Jul-2019 08:12:02	76	5842.0000	XLON	01502015000003058-E0elsmPWUyJE20190719
J.P. Morgan Securities plc	19-Jul-2019 08:12:41	75	5842.0000	XLON	01502015000003380-E0elsmPWV0Ex20190719
J.P. Morgan Securities plc	19-Jul-2019 08:12:41	52	5842.0000	XLON	01502015000003380-E0elsmPWV0Ez20190719
J.P. Morgan Securities plc	19-Jul-2019 08:14:21	169	5842.0000	XLON	01502015000003757-E0elsmPWV3ff20190719
J.P. Morgan Securities plc	19-Jul-2019 08:17:23	11	5856.0000	XLON	11502115000004211-E0elsmPWVApQ20190719
J.P. Morgan Securities plc	19-Jul-2019 08:17:23	119	5856.0000	XLON	11502115000004211-E0elsmPWVApV20190719
J.P. Morgan Securities plc	19-Jul-2019 08:17:23	43	5856.0000	XLON	11502115000004211-E0elsmPWVApS20190719
J.P. Morgan Securities plc	19-Jul-2019 08:17:26	18	5854.0000	XLON	01502015000004232-E0elsmPWVAuU20190719
J.P. Morgan Securities plc	19-Jul-2019 08:17:26	100	5854.0000	XLON	01502015000004232-E0elsmPWVAuS20190719
J.P. Morgan Securities plc	19-Jul-2019 08:17:41	68	5854.0000	XLON	11502115000004259-E0elsmPWVBIj20190719
J.P. Morgan Securities plc	19-Jul-2019 08:19:18	56	5852.0000	XLON	01502015000004504-E0elsmPWVEjV20190719
J.P. Morgan Securities plc	19-Jul-2019 08:19:18	45	5852.0000	XLON	01502015000004504-E0elsmPWVEjX20190719
J.P. Morgan Securities plc	19-Jul-2019 08:19:31	12	5848.0000	XLON	11502115000004267-E0elsmPWVFAAn20190719
J.P. Morgan Securities plc	19-Jul-2019 08:19:31	84	5848.0000	XLON	11502115000004267-E0elsmPWVFAr20190719
J.P. Morgan Securities plc	19-Jul-2019 08:20:38	2	5848.0000	XLON	11502115000004267-E0elsmPWVGog20190719
J.P. Morgan Securities plc	19-Jul-2019 08:21:08	214	5848.0000	XLON	11502115000004683-E0elsmPWVHwY20190719
J.P. Morgan Securities plc	19-Jul-2019 08:22:41	82	5854.0000	XLON	01502015000005063-E0elsmPWVLD620190719
J.P. Morgan Securities plc	19-Jul-2019 08:22:41	25	5854.0000	XLON	01502015000005063-E0elsmPWVLD220190719
J.P. Morgan Securities plc	19-Jul-2019 08:22:41	75	5854.0000	XLON	01502015000005063-E0elsmPWVLD820190719
J.P. Morgan Securities plc	19-Jul-2019 08:22:41	57	5854.0000	XLON	01502015000005063-E0elsmPWVLD420190719
J.P. Morgan Securities plc	19-Jul-2019 08:23:06	20	5848.0000	XLON	01502015000004981-E0elsmPWVLM120190719
J.P. Morgan Securities plc	19-Jul-2019 08:23:06	117	5848.0000	XLON	01502015000004981-E0elsmPWVLIz20190719
J.P. Morgan Securities plc	19-Jul-2019 08:24:21	24	5844.0000	XLON	11502115000005337-E0elsmPWVOM020190719
J.P. Morgan Securities plc	19-Jul-2019 08:24:21	42	5844.0000	XLON	11502115000005337-E0elsmPWVOLs20190719
J.P. Morgan Securities plc	19-Jul-2019 08:24:34	14	5844.0000	XLON	11502115000005337-E0elsmPWVObu20190719
J.P. Morgan Securities plc	19-Jul-2019 08:24:34	94	5844.0000	XLON	11502115000005337-E0elsmPWVObr20190719
J.P. Morgan Securities plc	19-Jul-2019 08:26:01	29	5844.0000	XLON	01502015000005750-E0elsmPWVR1d20190719
J.P. Morgan Securities plc	19-Jul-2019 08:26:01	53	5844.0000	XLON	01502015000005750-E0elsmPWVR1Z20190719
J.P. Morgan Securities plc	19-Jul-2019 08:26:01	28	5844.0000	XLON	01502015000005750-E0elsmPWVR1b20190719
J.P. Morgan Securities plc	19-Jul-2019 08:26:01	75	5844.0000	XLON	01502015000005750-E0elsmPWVR1X20190719
J.P. Morgan Securities plc	19-Jul-2019 08:26:57	127	5840.0000	XLON	01502015000005386-E0elsmPWVtMo20190719
J.P. Morgan Securities plc	19-Jul-2019 08:28:00	167	5838.0000	XLON	11502115000006001-E0elsmPWVVeL20190719
J.P. Morgan Securities plc	19-Jul-2019 08:28:00	23	5838.0000	XLON	11502115000006001-E0elsmPWVVeJ20190719
J.P. Morgan Securities plc	19-Jul-2019 08:29:22	34	5838.0000	XLON	11502115000006219-E0elsmPWVXom20190719
J.P. Morgan Securities plc	19-Jul-2019 08:29:22	63	5838.0000	XLON	11502115000006219-E0elsmPWVXok20190719
J.P. Morgan Securities plc	19-Jul-2019 08:29:22	75	5838.0000	XLON	11502115000006219-E0elsmPWVXoi20190719
J.P. Morgan Securities plc	19-Jul-2019 08:31:03	45	5844.0000	XLON	11502115000006436-E0elsmPWVb0r20190719
J.P. Morgan Securities plc	19-Jul-2019 08:31:03	175	5844.0000	XLON	11502115000006436-E0elsmPWVb0o20190719
J.P. Morgan Securities plc	19-Jul-2019 08:32:42	18	5846.0000	XLON	01502015000006675-E0elsmPWVe1L20190719
J.P. Morgan Securities plc	19-Jul-2019 08:32:42	73	5846.0000	XLON	01502015000006675-E0elsmPWVe1H20190719
J.P. Morgan Securities plc	19-Jul-2019 08:32:42	75	5846.0000	XLON	01502015000006675-E0elsmPWVe1J20190719
J.P. Morgan Securities plc	19-Jul-2019 08:34:22	57	5848.0000	XLON	01502015000007058-E0elsmPWVg5W20190719
J.P. Morgan Securities plc	19-Jul-2019 08:34:22	75	5848.0000	XLON	01502015000007058-E0elsmPWVg5Y20190719
J.P. Morgan Securities plc	19-Jul-2019 08:35:38	75	5848.0000	XLON	11502115000007270-E0elsmPWVhIC20190719
J.P. Morgan Securities plc	19-Jul-2019 08:35:38	26	5848.0000	XLON	11502115000007270-E0elsmPWVhIE20190719
J.P. Morgan Securities plc	19-Jul-2019 08:36:02	129	5848.0000	XLON	01502015000007394-E0elsmPWViPP20190719
J.P. Morgan Securities plc	19-Jul-2019 08:36:02	33	5848.0000	XLON	01502015000007394-E0elsmPWViPR20190719
J.P. Morgan Securities plc	19-Jul-2019 08:36:02	75	5848.0000	XLON	01502015000007394-E0elsmPWViPN20190719
J.P. Morgan Securities plc	19-Jul-2019 08:36:02	93	5848.0000	XLON	01502015000007394-E0elsmPWViPL20190719
J.P. Morgan Securities plc	19-Jul-2019 08:37:42	51	5846.0000	XLON	01502015000007724-E0elsmPWVm2K20190719
J.P. Morgan Securities plc	19-Jul-2019 08:38:36	21	5848.0000	XLON	11502115000007767-E0elsmPWVn2620190719
J.P. Morgan Securities plc	19-Jul-2019 08:39:15	105	5848.0000	XLON	01502015000007956-E0elsmPWVoCD20190719
J.P. Morgan Securities plc	19-Jul-2019 08:39:15	140	5848.0000	XLON	11502115000007820-E0elsmPWVoC920190719
J.P. Morgan Securities plc	19-Jul-2019 08:40:12	67	5848.0000	XLON	01502015000008139-E0elsmPWVprw20190719
J.P. Morgan Securities plc	19-Jul-2019 08:40:12	242	5848.0000	XLON	01502015000007983-E0elsmPWVprs20190719
J.P. Morgan Securities plc	19-Jul-2019 08:40:12	118	5848.0000	XLON	11502115000007964-E0elsmPWVpru20190719
J.P. Morgan Securities plc	19-Jul-2019 08:41:59	6	5850.0000	XLON	01502015000008435-E0elsmPWVsNd20190719

J.P. Morgan Securities plc	19-Jul-2019 08:42:00	121	5850.0000	XLON	01502015000008435-E0elsmPWVsPc20190719
J.P. Morgan Securities plc	19-Jul-2019 08:42:02	150	5848.0000	XLON	11502115000008253-E0elsmPWVsTN20190719
J.P. Morgan Securities plc	19-Jul-2019 08:42:42	64	5848.0000	XLON	01502015000008518-E0elsmPWVtXa20190719
J.P. Morgan Securities plc	19-Jul-2019 08:42:42	75	5848.0000	XLON	01502015000008518-E0elsmPWVtXc20190719
J.P. Morgan Securities plc	19-Jul-2019 08:42:42	25	5848.0000	XLON	01502015000008518-E0elsmPWVtXe20190719
J.P. Morgan Securities plc	19-Jul-2019 08:44:51	101	5852.0000	XLON	01502015000009034-E0elsmPWVweZ20190719
J.P. Morgan Securities plc	19-Jul-2019 08:45:02	54	5850.0000	XLON	01502015000008920-E0elsmPWVx1y20190719
J.P. Morgan Securities plc	19-Jul-2019 08:45:02	132	5850.0000	XLON	01502015000008920-E0elsmPWVx2120190719
J.P. Morgan Securities plc	19-Jul-2019 08:52:00	98	5858.0000	XLON	01502015000010747-E0elsmPWW8gs20190719
J.P. Morgan Securities plc	19-Jul-2019 08:52:00	99	5858.0000	XLON	11502115000010645-E0elsmPWW8gk20190719
J.P. Morgan Securities plc	19-Jul-2019 08:52:00	98	5858.0000	XLON	01502015000010730-E0elsmPWW8go20190719
J.P. Morgan Securities plc	19-Jul-2019 08:52:00	104	5858.0000	XLON	11502115000010774-E0elsmPWW8gw20190719
J.P. Morgan Securities plc	19-Jul-2019 08:52:00	151	5858.0000	XLON	01502015000010728-E0elsmPWW8gm20190719
J.P. Morgan Securities plc	19-Jul-2019 08:52:00	2	5858.0000	XLON	01502015000010848-E0elsmPWW8gy20190719
J.P. Morgan Securities plc	19-Jul-2019 08:55:22	12	5856.0000	XLON	11502115000012138-E0elsmPWWd6d20190719
J.P. Morgan Securities plc	19-Jul-2019 08:55:22	91	5856.0000	XLON	11502115000012138-E0elsmPWWd6h20190719
J.P. Morgan Securities plc	19-Jul-2019 08:55:22	138	5856.0000	XLON	01502015000012197-E0elsmPWWd6b20190719
J.P. Morgan Securities plc	19-Jul-2019 08:55:22	130	5856.0000	XLON	01502015000012275-E0elsmPWWd6j20190719
J.P. Morgan Securities plc	19-Jul-2019 08:55:22	103	5856.0000	XLON	11502115000011717-E0elsmPWWd6V20190719
J.P. Morgan Securities plc	19-Jul-2019 08:55:22	26	5856.0000	XLON	11502115000012251-E0elsmPWWd6r20190719
J.P. Morgan Securities plc	19-Jul-2019 08:55:22	42	5856.0000	XLON	01502015000012323-E0elsmPWWd6n20190719
J.P. Morgan Securities plc	19-Jul-2019 08:55:22	1	5856.0000	XLON	01502015000012326-E0elsmPWWd6t20190719
J.P. Morgan Securities plc	19-Jul-2019 08:55:22	79	5856.0000	XLON	01502015000012323-E0elsmPWWd6l20190719
J.P. Morgan Securities plc	19-Jul-2019 08:55:22	32	5856.0000	XLON	11502115000012251-E0elsmPWWd6p20190719
J.P. Morgan Securities plc	19-Jul-2019 08:56:25	26	5854.0000	XLON	11502115000012467-E0elsmPWWeKK20190719
J.P. Morgan Securities plc	19-Jul-2019 08:56:25	75	5854.0000	XLON	11502115000012467-E0elsmPWWeKG20190719
J.P. Morgan Securities plc	19-Jul-2019 08:56:25	34	5854.0000	XLON	11502115000012467-E0elsmPWWeKI20190719
J.P. Morgan Securities plc	19-Jul-2019 08:56:25	25	5854.0000	XLON	11502115000012467-E0elsmPWWeKE20190719
J.P. Morgan Securities plc	19-Jul-2019 08:56:25	182	5854.0000	XLON	11502115000012414-E0elsmPWWeJx20190719
J.P. Morgan Securities plc	19-Jul-2019 08:57:42	75	5854.0000	XLON	11502115000012810-E0elsmPWWFyu20190719
J.P. Morgan Securities plc	19-Jul-2019 08:57:42	41	5854.0000	XLON	11502115000012810-E0elsmPWWFz020190719
J.P. Morgan Securities plc	19-Jul-2019 08:57:42	25	5854.0000	XLON	11502115000012810-E0elsmPWWFyy20190719
J.P. Morgan Securities plc	19-Jul-2019 08:57:42	75	5854.0000	XLON	11502115000012810-E0elsmPWWFyw20190719
J.P. Morgan Securities plc	19-Jul-2019 08:59:22	75	5854.0000	XLON	11502115000013341-E0elsmPWWImC20190719
J.P. Morgan Securities plc	19-Jul-2019 08:59:22	8	5854.0000	XLON	11502115000013341-E0elsmPWWImA20190719
J.P. Morgan Securities plc	19-Jul-2019 09:00:35	46	5854.0000	XLON	01502015000013745-E0elsmPWWKb820190719
J.P. Morgan Securities plc	19-Jul-2019 09:00:35	52	5854.0000	XLON	01502015000013745-E0elsmPWWKb620190719
J.P. Morgan Securities plc	19-Jul-2019 09:03:16	111	5856.0000	XLON	01502015000014622-E0elsmPWWOKF20190719
J.P. Morgan Securities plc	19-Jul-2019 09:03:16	25	5856.0000	XLON	01502015000014622-E0elsmPWWOKB20190719
J.P. Morgan Securities plc	19-Jul-2019 09:03:16	46	5856.0000	XLON	01502015000014622-E0elsmPWWOK820190719
J.P. Morgan Securities plc	19-Jul-2019 09:03:16	41	5856.0000	XLON	11502115000014542-E0elsmPWWOK220190719
J.P. Morgan Securities plc	19-Jul-2019 09:03:16	140	5856.0000	XLON	11502115000014551-E0elsmPWWOK420190719
J.P. Morgan Securities plc	19-Jul-2019 09:03:16	39	5856.0000	XLON	11502115000014584-E0elsmPWWOKJ20190719
J.P. Morgan Securities plc	19-Jul-2019 09:03:16	99	5856.0000	XLON	01502015000014572-E0elsmPWWOJy20190719
J.P. Morgan Securities plc	19-Jul-2019 09:03:16	2	5856.0000	XLON	11502115000014584-E0elsmPWWOKH20190719
J.P. Morgan Securities plc	19-Jul-2019 09:03:16	18	5856.0000	XLON	01502015000014622-E0elsmPWWOKD20190719
J.P. Morgan Securities plc	19-Jul-2019 09:06:31	20	5860.0000	XLON	01502015000015293-E0elsmPWWSYh20190719
J.P. Morgan Securities plc	19-Jul-2019 09:06:31	74	5860.0000	XLON	01502015000015293-E0elsmPWWSYn20190719
J.P. Morgan Securities plc	19-Jul-2019 09:06:31	50	5860.0000	XLON	01502015000015293-E0elsmPWWSYI20190719
J.P. Morgan Securities plc	19-Jul-2019 09:06:31	56	5860.0000	XLON	01502015000015293-E0elsmPWWSYj20190719
J.P. Morgan Securities plc	19-Jul-2019 09:06:53	174	5858.0000	XLON	01502015000015175-E0elsmPWWsvn20190719
J.P. Morgan Securities plc	19-Jul-2019 09:08:16	183	5860.0000	XLON	01502015000015672-E0elsmPWWUXJ20190719
J.P. Morgan Securities plc	19-Jul-2019 09:08:16	168	5860.0000	XLON	11502115000015696-E0elsmPWWUXP20190719
J.P. Morgan Securities plc	19-Jul-2019 09:10:11	19	5862.0000	XLON	11502115000016077-E0elsmPWWXYe20190719
J.P. Morgan Securities plc	19-Jul-2019 09:10:11	118	5862.0000	XLON	11502115000016077-E0elsmPWWXYy20190719
J.P. Morgan Securities plc	19-Jul-2019 09:10:49	125	5860.0000	XLON	01502015000016077-E0elsmPWWYym20190719
J.P. Morgan Securities plc	19-Jul-2019 09:11:18	114	5858.0000	XLON	11502115000016341-E0elsmPWWZI920190719
J.P. Morgan Securities plc	19-Jul-2019 09:13:10	100	5858.0000	XLON	11502115000016790-E0elsmPWWbek20190719
J.P. Morgan Securities plc	19-Jul-2019 09:13:10	58	5858.0000	XLON	11502115000016790-E0elsmPWWbem20190719
J.P. Morgan Securities plc	19-Jul-2019 09:13:10	24	5858.0000	XLON	01502015000016950-E0elsmPWWb320190719
J.P. Morgan Securities plc	19-Jul-2019 09:13:10	17	5858.0000	XLON	11502115000016790-E0elsmPWWbeo20190719
J.P. Morgan Securities plc	19-Jul-2019 09:13:10	150	5858.0000	XLON	11502115000016866-E0elsmPWWbf120190719
J.P. Morgan Securities plc	19-Jul-2019 09:14:22	23	5858.0000	XLON	11502115000017109-E0elsmPWWc20190719
J.P. Morgan Securities plc	19-Jul-2019 09:14:22	107	5858.0000	XLON	11502115000017109-E0elsmPWWcwb20190719
J.P. Morgan Securities plc	19-Jul-2019 09:16:02	75	5856.0000	XLON	01502015000017367-E0elsmPWWfGD20190719
J.P. Morgan Securities plc	19-Jul-2019 09:16:02	50	5856.0000	XLON	01502015000017367-E0elsmPWWfGF20190719
J.P. Morgan Securities plc	19-Jul-2019 09:17:42	75	5856.0000	XLON	01502015000017533-E0elsmPWWhLZ20190719
J.P. Morgan Securities plc	19-Jul-2019 09:17:42	63	5856.0000	XLON	01502015000017533-E0elsmPWWhLb20190719
J.P. Morgan Securities plc	19-Jul-2019 09:19:22	75	5856.0000	XLON	11502115000017661-E0elsmPWWive20190719
J.P. Morgan Securities plc	19-Jul-2019 09:19:22	15	5856.0000	XLON	11502115000017661-E0elsmPWWivg20190719
J.P. Morgan Securities plc	19-Jul-2019 09:22:31	78	5856.0000	XLON	11502115000018077-E0elsmPWWmzs20190719
J.P. Morgan Securities plc	19-Jul-2019 09:22:54	145	5856.0000	XLON	11502115000018082-E0elsmPWWnHT20190719
J.P. Morgan Securities plc	19-Jul-2019 09:22:54	21	5856.0000	XLON	01502015000018197-E0elsmPWWnHb20190719
J.P. Morgan Securities plc	19-Jul-2019 09:22:54	15	5856.0000	XLON	01502015000018195-E0elsmPWWnHV20190719
J.P. Morgan Securities plc	19-Jul-2019 09:22:54	3	5856.0000	XLON	11502115000018103-E0elsmPWWnHd20190719
J.P. Morgan Securities plc	19-Jul-2019 09:22:54	49	5856.0000	XLON	01502015000018202-E0elsmPWWnHf20190719
J.P. Morgan Securities plc	19-Jul-2019 09:22:54	103	5856.0000	XLON	11502115000018141-E0elsmPWWnHh20190719
J.P. Morgan Securities plc	19-Jul-2019 09:22:54	12	5856.0000	XLON	01502015000018197-E0elsmPWWnHX20190719
J.P. Morgan Securities plc	19-Jul-2019 09:24:34	83	5856.0000	XLON	01502015000018426-E0elsmPWWogt20190719





J.P. Morgan Securities plc	19-Jul-2019 10:50:46	84	5856.0000	XLON	01502015000039320-E0elsmPWYUf720190719
J.P. Morgan Securities plc	19-Jul-2019 10:50:46	65	5856.0000	XLON	01502015000039320-E0elsmPWYUfC20190719
J.P. Morgan Securities plc	19-Jul-2019 10:51:28	148	5852.0000	XLON	11502115000039220-E0elsmPWYWZp20190719
J.P. Morgan Securities plc	19-Jul-2019 10:52:06	75	5848.0000	XLON	01502015000039637-E0elsmPWYYwl20190719
J.P. Morgan Securities plc	19-Jul-2019 10:52:06	43	5848.0000	XLON	01502015000039637-E0elsmPWYYwn20190719
J.P. Morgan Securities plc	19-Jul-2019 10:54:01	75	5848.0000	XLON	01502015000039957-E0elsmPWYcqG20190719
J.P. Morgan Securities plc	19-Jul-2019 10:54:01	72	5848.0000	XLON	01502015000039957-E0elsmPWYcqI20190719
J.P. Morgan Securities plc	19-Jul-2019 10:55:23	75	5848.0000	XLON	11502115000039987-E0elsmPWYfVz20190719
J.P. Morgan Securities plc	19-Jul-2019 10:55:23	69	5848.0000	XLON	11502115000039987-E0elsmPWYfW120190719
J.P. Morgan Securities plc	19-Jul-2019 10:59:13	206	5848.0000	XLON	01502015000040633-E0elsmPWYlbi20190719
J.P. Morgan Securities plc	19-Jul-2019 10:59:13	7	5848.0000	XLON	01502015000040633-E0elsmPWYlbg20190719
J.P. Morgan Securities plc	19-Jul-2019 10:59:13	100	5848.0000	XLON	11502115000040500-E0elsmPWYlbn20190719
J.P. Morgan Securities plc	19-Jul-2019 10:59:13	1	5848.0000	XLON	11502115000040500-E0elsmPWYlbn20190719
J.P. Morgan Securities plc	19-Jul-2019 10:59:13	10	5848.0000	XLON	11502115000040500-E0elsmPWYlbo20190719
J.P. Morgan Securities plc	19-Jul-2019 11:00:23	75	5848.0000	XLON	11502115000040736-E0elsmPWYnAU20190719
J.P. Morgan Securities plc	19-Jul-2019 11:00:23	50	5848.0000	XLON	11502115000040736-E0elsmPWYnAW20190719
J.P. Morgan Securities plc	19-Jul-2019 11:02:03	91	5848.0000	XLON	11502115000041125-E0elsmPWYozJ20190719
J.P. Morgan Securities plc	19-Jul-2019 11:03:43	126	5848.0000	XLON	11502115000041507-E0elsmPWYqav20190719
J.P. Morgan Securities plc	19-Jul-2019 11:05:23	75	5848.0000	XLON	01502015000042055-E0elsmPWYrfu20190719
J.P. Morgan Securities plc	19-Jul-2019 11:05:23	5	5848.0000	XLON	01502015000042055-E0elsmPWYrfy20190719
J.P. Morgan Securities plc	19-Jul-2019 11:05:23	74	5848.0000	XLON	01502015000042055-E0elsmPWYrfw20190719
J.P. Morgan Securities plc	19-Jul-2019 11:08:07	30	5848.0000	XLON	01502015000042623-E0elsmPWYu3320190719
J.P. Morgan Securities plc	19-Jul-2019 11:08:07	1	5848.0000	XLON	11502115000042392-E0elsmPWYu2t20190719
J.P. Morgan Securities plc	19-Jul-2019 11:08:07	96	5848.0000	XLON	11502115000042250-E0elsmPWYu2l20190719
J.P. Morgan Securities plc	19-Jul-2019 11:08:07	169	5848.0000	XLON	01502015000042445-E0elsmPWYu2j20190719
J.P. Morgan Securities plc	19-Jul-2019 11:08:07	108	5848.0000	XLON	01502015000042584-E0elsmPWYu2r20190719
J.P. Morgan Securities plc	19-Jul-2019 11:08:07	15	5848.0000	XLON	11502115000042250-E0elsmPWYu2n20190719
J.P. Morgan Securities plc	19-Jul-2019 11:08:07	1	5848.0000	XLON	11502115000042409-E0elsmPWYu2x20190719
J.P. Morgan Securities plc	19-Jul-2019 11:08:07	3	5848.0000	XLON	01502015000042610-E0elsmPWYu2z20190719
J.P. Morgan Securities plc	19-Jul-2019 11:08:07	15	5848.0000	XLON	11502115000042435-E0elsmPWYu3520190719
J.P. Morgan Securities plc	19-Jul-2019 11:08:07	19	5848.0000	XLON	01502015000042595-E0elsmPWYu2v20190719
J.P. Morgan Securities plc	19-Jul-2019 11:08:07	20	5848.0000	XLON	11502115000042250-E0elsmPWYu2p20190719
J.P. Morgan Securities plc	19-Jul-2019 11:08:07	2	5848.0000	XLON	01502015000042637-E0elsmPWYu3720190719
J.P. Morgan Securities plc	19-Jul-2019 11:08:07	1	5848.0000	XLON	11502115000042425-E0elsmPWYu3120190719
J.P. Morgan Securities plc	19-Jul-2019 11:08:07	108	5848.0000	XLON	01502015000042640-E0elsmPWYu3920190719
J.P. Morgan Securities plc	19-Jul-2019 11:09:47	120	5840.0000	XLON	01502015000042902-E0elsmPWYxWg20190719
J.P. Morgan Securities plc	19-Jul-2019 11:09:47	75	5840.0000	XLON	01502015000042902-E0elsmPWYxWe20190719
J.P. Morgan Securities plc	19-Jul-2019 11:10:42	94	5840.0000	XLON	01502015000043090-E0elsmPWYynX20190719
J.P. Morgan Securities plc	19-Jul-2019 11:10:42	10	5840.0000	XLON	01502015000043090-E0elsmPWYynV20190719
J.P. Morgan Securities plc	19-Jul-2019 11:12:31	133	5840.0000	XLON	01502015000043511-E0elsmPWZ0VW20190719
J.P. Morgan Securities plc	19-Jul-2019 11:12:31	36	5840.0000	XLON	01502015000043511-E0elsmPWZ0VR20190719
J.P. Morgan Securities plc	19-Jul-2019 11:13:16	157	5838.0000	XLON	01502015000043401-E0elsmPWZ13w20190719
J.P. Morgan Securities plc	19-Jul-2019 11:13:43	75	5836.0000	XLON	11502115000043628-E0elsmPWZ1aL20190719
J.P. Morgan Securities plc	19-Jul-2019 11:13:43	70	5836.0000	XLON	11502115000043628-E0elsmPWZ1aN20190719
J.P. Morgan Securities plc	19-Jul-2019 11:13:43	2	5836.0000	XLON	11502115000043628-E0elsmPWZ1aP20190719
J.P. Morgan Securities plc	19-Jul-2019 11:14:07	80	5832.0000	XLON	01502015000043836-E0elsmPWZ2D020190719
J.P. Morgan Securities plc	19-Jul-2019 11:14:07	67	5832.0000	XLON	01502015000043836-E0elsmPWZ2D420190719
J.P. Morgan Securities plc	19-Jul-2019 11:15:23	75	5830.0000	XLON	01502015000044231-E0elsmPWZ4K920190719
J.P. Morgan Securities plc	19-Jul-2019 11:15:23	43	5830.0000	XLON	01502015000044231-E0elsmPWZ4KB20190719
J.P. Morgan Securities plc	19-Jul-2019 11:22:16	75	5836.0000	XLON	01502015000045450-E0elsmPWZCB620190719
J.P. Morgan Securities plc	19-Jul-2019 11:22:16	4	5836.0000	XLON	01502015000045450-E0elsmPWZCB420190719
J.P. Morgan Securities plc	19-Jul-2019 11:22:17	34	5836.0000	XLON	01502015000045455-E0elsmPWZCDR20190719
J.P. Morgan Securities plc	19-Jul-2019 11:22:17	55	5836.0000	XLON	01502015000045455-E0elsmPWZCDN20190719
J.P. Morgan Securities plc	19-Jul-2019 11:22:17	75	5836.0000	XLON	01502015000045455-E0elsmPWZCDP20190719
J.P. Morgan Securities plc	19-Jul-2019 11:25:38	75	5840.0000	XLON	11502115000046252-E0elsmPWZFej20190719
J.P. Morgan Securities plc	19-Jul-2019 11:25:38	102	5840.0000	XLON	11502115000046254-E0elsmPWZFGc20190719
J.P. Morgan Securities plc	19-Jul-2019 11:25:38	23	5840.0000	XLON	01502015000046440-E0elsmPWZFGa20190719
J.P. Morgan Securities plc	19-Jul-2019 11:26:07	12	5840.0000	XLON	01502015000046538-E0elsmPWZGTf20190719
J.P. Morgan Securities plc	19-Jul-2019 11:26:07	36	5840.0000	XLON	11502115000046358-E0elsmPWZGTh20190719
J.P. Morgan Securities plc	19-Jul-2019 11:26:07	114	5840.0000	XLON	01502015000046486-E0elsmPWZGTX20190719
J.P. Morgan Securities plc	19-Jul-2019 11:26:07	14	5840.0000	XLON	01502015000046486-E0elsmPWZGTZ20190719
J.P. Morgan Securities plc	19-Jul-2019 11:26:07	5	5840.0000	XLON	01502015000046486-E0elsmPWZGTb20190719
J.P. Morgan Securities plc	19-Jul-2019 11:26:07	134	5840.0000	XLON	01502015000046483-E0elsmPWZGTV20190719
J.P. Morgan Securities plc	19-Jul-2019 11:26:07	216	5840.0000	XLON	01502015000046538-E0elsmPWZGTd20190719
J.P. Morgan Securities plc	19-Jul-2019 11:28:11	94	5838.0000	XLON	01502015000046822-E0elsmPWZIVd20190719
J.P. Morgan Securities plc	19-Jul-2019 11:28:11	63	5838.0000	XLON	01502015000046890-E0elsmPWZIVk20190719
J.P. Morgan Securities plc	19-Jul-2019 11:28:11	13	5838.0000	XLON	01502015000046890-E0elsmPWZIVo20190719
J.P. Morgan Securities plc	19-Jul-2019 11:28:11	65	5838.0000	XLON	01502015000046890-E0elsmPWZIVm20190719
J.P. Morgan Securities plc	19-Jul-2019 11:28:11	88	5838.0000	XLON	01502015000046822-E0elsmPWZIVi20190719
J.P. Morgan Securities plc	19-Jul-2019 11:30:21	117	5836.0000	XLON	01502015000047235-E0elsmPWZKUR20190719
J.P. Morgan Securities plc	19-Jul-2019 11:30:23	96	5836.0000	XLON	11502115000047056-E0elsmPWZKX120190719
J.P. Morgan Securities plc	19-Jul-2019 11:30:23	22	5836.0000	XLON	11502115000047056-E0elsmPWZKWz20190719
J.P. Morgan Securities plc	19-Jul-2019 11:33:11	33	5836.0000	XLON	01502015000047792-E0elsmPWZN7Z20190719
J.P. Morgan Securities plc	19-Jul-2019 11:33:11	75	5836.0000	XLON	01502015000047792-E0elsmPWZN7X20190719
J.P. Morgan Securities plc	19-Jul-2019 11:33:32	98	5834.0000	XLON	01502015000047126-E0elsmPWZNU520190719
J.P. Morgan Securities plc	19-Jul-2019 11:34:21	107	5832.0000	XLON	01502015000048056-E0elsmPWZOJo20190719
J.P. Morgan Securities plc	19-Jul-2019 11:34:21	98	5832.0000	XLON	11502115000047746-E0elsmPWZOJm20190719
J.P. Morgan Securities plc	19-Jul-2019 11:35:42	50	5832.0000	XLON	11502115000048265-E0elsmPWZQ1p20190719
J.P. Morgan Securities plc	19-Jul-2019 11:35:42	97	5832.0000	XLON	11502115000048265-E0elsmPWZQ1r20190719

J.P. Morgan Securities plc	19-Jul-2019 11:36:29	98	5830.0000	XLON	11502115000048178-E0elsmPWZQnf20190719
J.P. Morgan Securities plc	19-Jul-2019 11:41:17	126	5832.0000	XLON	11502115000049603-E0elsmPWZUv220190719
J.P. Morgan Securities plc	19-Jul-2019 11:41:17	54	5832.0000	XLON	01502015000049482-E0elsmPWZUuq20190719
J.P. Morgan Securities plc	19-Jul-2019 11:41:17	10	5832.0000	XLON	01502015000049544-E0elsmPWZUuy20190719
J.P. Morgan Securities plc	19-Jul-2019 11:41:17	54	5832.0000	XLON	01502015000049482-E0elsmPWZUuw20190719
J.P. Morgan Securities plc	19-Jul-2019 11:41:17	27	5832.0000	XLON	01502015000049799-E0elsmPWZUv420190719
J.P. Morgan Securities plc	19-Jul-2019 11:41:17	59	5832.0000	XLON	11502115000049442-E0elsmPWZUv020190719
J.P. Morgan Securities plc	19-Jul-2019 11:41:17	98	5830.0000	XLON	01502015000049067-E0elsmPWZUva20190719
J.P. Morgan Securities plc	19-Jul-2019 11:42:39	11	5828.0000	XLON	01502015000050100-E0elsmPWZWmz20190719
J.P. Morgan Securities plc	19-Jul-2019 11:42:39	2	5828.0000	XLON	01502015000050100-E0elsmPWZWmv20190719
J.P. Morgan Securities plc	19-Jul-2019 11:42:39	9	5828.0000	XLON	01502015000050100-E0elsmPWZWmt20190719
J.P. Morgan Securities plc	19-Jul-2019 11:42:39	77	5828.0000	XLON	01502015000050100-E0elsmPWZWmx20190719
J.P. Morgan Securities plc	19-Jul-2019 11:44:07	98	5826.0000	XLON	11502115000049857-E0elsmPWZYHr20190719
J.P. Morgan Securities plc	19-Jul-2019 11:45:23	98	5826.0000	XLON	01502015000050756-E0elsmPWZZcJ20190719
J.P. Morgan Securities plc	19-Jul-2019 11:47:21	75	5826.0000	XLON	01502015000051351-E0elsmPWZbei20190719
J.P. Morgan Securities plc	19-Jul-2019 11:47:21	30	5826.0000	XLON	01502015000051351-E0elsmPWZbek20190719
J.P. Morgan Securities plc	19-Jul-2019 11:47:44	147	5824.0000	XLON	11502115000051076-E0elsmPWZcGM20190719
J.P. Morgan Securities plc	19-Jul-2019 11:50:26	128	5822.0000	XLON	01502015000052215-E0elsmPWZfaj20190719
J.P. Morgan Securities plc	19-Jul-2019 11:50:26	107	5822.0000	XLON	01502015000052188-E0elsmPWZfah20190719
J.P. Morgan Securities plc	19-Jul-2019 11:52:53	118	5818.0000	XLON	01502015000052708-E0elsmPWZhmb20190719
J.P. Morgan Securities plc	19-Jul-2019 11:54:36	65	5818.0000	XLON	01502015000053124-E0elsmPWZj8420190719
J.P. Morgan Securities plc	19-Jul-2019 11:54:36	72	5818.0000	XLON	01502015000053124-E0elsmPWZj8220190719
J.P. Morgan Securities plc	19-Jul-2019 11:54:36	9	5818.0000	XLON	01502015000053339-E0elsmPWZj8A20190719
J.P. Morgan Securities plc	19-Jul-2019 11:54:36	20	5818.0000	XLON	01502015000053234-E0elsmPWZj8820190719
J.P. Morgan Securities plc	19-Jul-2019 11:54:36	98	5818.0000	XLON	11502115000053076-E0elsmPWZj8620190719
J.P. Morgan Securities plc	19-Jul-2019 11:56:18	85	5818.0000	XLON	11502115000053531-E0elsmPWZkmG20190719
J.P. Morgan Securities plc	19-Jul-2019 11:56:18	33	5818.0000	XLON	11502115000053531-E0elsmPWZkmC20190719
J.P. Morgan Securities plc	19-Jul-2019 11:57:15	86	5822.0000	XLON	11502115000053877-E0elsmPWZlfV20190719
J.P. Morgan Securities plc	19-Jul-2019 11:57:15	22	5822.0000	XLON	11502115000053877-E0elsmPWZlfX20190719
J.P. Morgan Securities plc	19-Jul-2019 11:58:43	68	5826.0000	XLON	11502115000054147-E0elsmPWZn0v20190719
J.P. Morgan Securities plc	19-Jul-2019 11:58:43	20	5826.0000	XLON	11502115000054147-E0elsmPWZn0t20190719
J.P. Morgan Securities plc	19-Jul-2019 12:02:49	75	5830.0000	XLON	11502115000055801-E0elsmPWZtKN20190719
J.P. Morgan Securities plc	19-Jul-2019 12:03:25	131	5828.0000	XLON	01502015000055823-E0elsmPWZtwC20190719
J.P. Morgan Securities plc	19-Jul-2019 12:03:25	64	5828.0000	XLON	01502015000055823-E0elsmPWZtw920190719
J.P. Morgan Securities plc	19-Jul-2019 12:04:06	71	5828.0000	XLON	01502015000056205-E0elsmPWZuyS20190719
J.P. Morgan Securities plc	19-Jul-2019 12:04:06	56	5828.0000	XLON	01502015000056205-E0elsmPWZuyQ20190719
J.P. Morgan Securities plc	19-Jul-2019 12:04:06	63	5828.0000	XLON	01502015000056205-E0elsmPWZuyO20190719
J.P. Morgan Securities plc	19-Jul-2019 12:05:30	147	5826.0000	XLON	11502115000055620-E0elsmPWZwp820190719
J.P. Morgan Securities plc	19-Jul-2019 12:05:30	9	5826.0000	XLON	01502015000055750-E0elsmPWZwpA20190719
J.P. Morgan Securities plc	19-Jul-2019 12:05:51	50	5826.0000	XLON	11502115000056541-E0elsmPWZxb820190719
J.P. Morgan Securities plc	19-Jul-2019 12:05:51	93	5826.0000	XLON	11502115000056541-E0elsmPWZxbA20190719
J.P. Morgan Securities plc	19-Jul-2019 12:07:44	32	5830.0000	XLON	11502115000056871-E0elsmPWZzua20190719
J.P. Morgan Securities plc	19-Jul-2019 12:09:24	75	5834.0000	XLON	01502015000057361-E0elsmPWa1em20190719
J.P. Morgan Securities plc	19-Jul-2019 12:09:24	49	5834.0000	XLON	01502015000057361-E0elsmPWa1eo20190719
J.P. Morgan Securities plc	19-Jul-2019 12:09:24	38	5834.0000	XLON	01502015000057361-E0elsmPWa1ek20190719
J.P. Morgan Securities plc	19-Jul-2019 12:11:41	3	5834.0000	XLON	11502115000057673-E0elsmPWa3dX20190719
J.P. Morgan Securities plc	19-Jul-2019 12:11:41	13	5834.0000	XLON	11502115000057673-E0elsmPWa3db20190719
J.P. Morgan Securities plc	19-Jul-2019 12:11:41	147	5834.0000	XLON	11502115000057673-E0elsmPWa3dZ20190719
J.P. Morgan Securities plc	19-Jul-2019 12:12:44	75	5836.0000	XLON	11502115000057826-E0elsmPWa4eX20190719
J.P. Morgan Securities plc	19-Jul-2019 12:14:06	50	5838.0000	XLON	01502015000058284-E0elsmPWa5KY20190719
J.P. Morgan Securities plc	19-Jul-2019 12:14:06	6	5838.0000	XLON	01502015000058284-E0elsmPWa5Kc20190719
J.P. Morgan Securities plc	19-Jul-2019 12:14:06	16	5838.0000	XLON	01502015000058284-E0elsmPWa5KU20190719
J.P. Morgan Securities plc	19-Jul-2019 12:14:06	75	5838.0000	XLON	01502015000058284-E0elsmPWa5KW20190719
J.P. Morgan Securities plc	19-Jul-2019 12:14:06	20	5838.0000	XLON	01502015000058284-E0elsmPWa5Ka20190719
J.P. Morgan Securities plc	19-Jul-2019 12:15:46	66	5838.0000	XLON	01502015000058526-E0elsmPWa7Cr20190719
J.P. Morgan Securities plc	19-Jul-2019 12:15:46	17	5838.0000	XLON	01502015000058526-E0elsmPWa7Cp20190719
J.P. Morgan Securities plc	19-Jul-2019 12:15:46	121	5838.0000	XLON	01502015000058526-E0elsmPWa7Cn20190719
J.P. Morgan Securities plc	19-Jul-2019 12:15:46	20	5838.0000	XLON	01502015000058526-E0elsmPWa7CI20190719
J.P. Morgan Securities plc	19-Jul-2019 12:20:07	61	5840.0000	XLON	11502115000059497-E0elsmPWaAow20190719
J.P. Morgan Securities plc	19-Jul-2019 12:20:07	75	5840.0000	XLON	11502115000059497-E0elsmPWaAou20190719
J.P. Morgan Securities plc	19-Jul-2019 12:20:07	50	5840.0000	XLON	11502115000059497-E0elsmPWaAoy20190719
J.P. Morgan Securities plc	19-Jul-2019 12:20:21	81	5838.0000	XLON	01502015000059362-E0elsmPWaB4U20190719
J.P. Morgan Securities plc	19-Jul-2019 12:20:21	97	5838.0000	XLON	11502115000059254-E0elsmPWaB4S20190719
J.P. Morgan Securities plc	19-Jul-2019 12:20:21	101	5838.0000	XLON	11502115000059247-E0elsmPWaB4Q20190719
J.P. Morgan Securities plc	19-Jul-2019 12:21:47	117	5836.0000	XLON	11502115000059864-E0elsmPWaCDL20190719
J.P. Morgan Securities plc	19-Jul-2019 12:22:26	20	5836.0000	XLON	11502115000059985-E0elsmPWaCia20190719
J.P. Morgan Securities plc	19-Jul-2019 12:22:26	24	5836.0000	XLON	11502115000059985-E0elsmPWaCic20190719
J.P. Morgan Securities plc	19-Jul-2019 12:22:26	39	5836.0000	XLON	11502115000059985-E0elsmPWaCig20190719
J.P. Morgan Securities plc	19-Jul-2019 12:22:26	75	5836.0000	XLON	11502115000059985-E0elsmPWaCie20190719
J.P. Morgan Securities plc	19-Jul-2019 12:26:40	165	5838.0000	XLON	11502115000061242-E0elsmPWaGkP20190719
J.P. Morgan Securities plc	19-Jul-2019 12:27:26	75	5838.0000	XLON	11502115000061400-E0elsmPWaHWI20190719
J.P. Morgan Securities plc	19-Jul-2019 12:27:26	12	5838.0000	XLON	11502115000061400-E0elsmPWaHWG20190719
J.P. Morgan Securities plc	19-Jul-2019 12:27:26	50	5838.0000	XLON	11502115000061400-E0elsmPWaHWM20190719
J.P. Morgan Securities plc	19-Jul-2019 12:27:26	24	5838.0000	XLON	11502115000061400-E0elsmPWaHWK20190719
J.P. Morgan Securities plc	19-Jul-2019 12:27:26	15	5838.0000	XLON	11502115000061400-E0elsmPWaHWO20190719
J.P. Morgan Securities plc	19-Jul-2019 12:28:16	112	5836.0000	XLON	11502115000060696-E0elsmPWaAV20190719
J.P. Morgan Securities plc	19-Jul-2019 12:28:16	24	5836.0000	XLON	11502115000060797-E0elsmPWaAX20190719
J.P. Morgan Securities plc	19-Jul-2019 12:28:16	37	5836.0000	XLON	11502115000061089-E0elsmPWaAd20190719
J.P. Morgan Securities plc	19-Jul-2019 12:28:16	22	5836.0000	XLON	11502115000061089-E0elsmPWaAb20190719

J.P. Morgan Securities plc	19-Jul-2019 12:29:09	68	5836.0000	XLON	01502015000061916-E0elsmPWaff20190719
J.P. Morgan Securities plc	19-Jul-2019 12:29:09	50	5836.0000	XLON	01502015000061916-E0elsmPWafd20190719
J.P. Morgan Securities plc	19-Jul-2019 12:31:30	42	5836.0000	XLON	01502015000062422-E0elsmPWaKYK20190719
J.P. Morgan Securities plc	19-Jul-2019 12:31:30	61	5836.0000	XLON	01502015000062422-E0elsmPWaKYI20190719
J.P. Morgan Securities plc	19-Jul-2019 12:32:26	65	5836.0000	XLON	01502015000062688-E0elsmPWaLPg20190719
J.P. Morgan Securities plc	19-Jul-2019 12:32:26	22	5836.0000	XLON	01502015000062688-E0elsmPWaLPc20190719
J.P. Morgan Securities plc	19-Jul-2019 12:32:26	50	5836.0000	XLON	01502015000062688-E0elsmPWaLPe20190719
J.P. Morgan Securities plc	19-Jul-2019 12:34:06	22	5836.0000	XLON	11502115000062881-E0elsmPWaMyo20190719
J.P. Morgan Securities plc	19-Jul-2019 12:34:06	127	5836.0000	XLON	11502115000062881-E0elsmPWaMym20190719
J.P. Morgan Securities plc	19-Jul-2019 12:34:51	98	5834.0000	XLON	01502015000061911-E0elsmPWaNce20190719
J.P. Morgan Securities plc	19-Jul-2019 12:35:46	72	5834.0000	XLON	01502015000063153-E0elsmPWaOIA20190719
J.P. Morgan Securities plc	19-Jul-2019 12:35:46	75	5834.0000	XLON	01502015000063153-E0elsmPWaOI820190719
J.P. Morgan Securities plc	19-Jul-2019 12:45:01	174	5842.0000	XLON	01502015000065591-E0elsmPWaVz820190719
J.P. Morgan Securities plc	19-Jul-2019 12:45:01	66	5842.0000	XLON	01502015000065591-E0elsmPWaVzC20190719
J.P. Morgan Securities plc	19-Jul-2019 12:45:01	75	5842.0000	XLON	01502015000065591-E0elsmPWaVzE20190719
J.P. Morgan Securities plc	19-Jul-2019 12:45:01	50	5842.0000	XLON	01502015000065591-E0elsmPWaVzA20190719
J.P. Morgan Securities plc	19-Jul-2019 12:45:23	99	5842.0000	XLON	01502015000065773-E0elsmPWaWeB20190719
J.P. Morgan Securities plc	19-Jul-2019 12:46:24	75	5842.0000	XLON	01502015000066153-E0elsmPWaXSp20190719
J.P. Morgan Securities plc	19-Jul-2019 12:46:24	75	5842.0000	XLON	01502015000066153-E0elsmPWaXSr20190719
J.P. Morgan Securities plc	19-Jul-2019 12:46:24	24	5842.0000	XLON	01502015000066153-E0elsmPWaXSt20190719
J.P. Morgan Securities plc	19-Jul-2019 12:47:26	110	5842.0000	XLON	11502115000066318-E0elsmPWaYQG20190719
J.P. Morgan Securities plc	19-Jul-2019 12:47:26	32	5842.0000	XLON	11502115000066318-E0elsmPWaYQK20190719
J.P. Morgan Securities plc	19-Jul-2019 12:47:26	23	5842.0000	XLON	11502115000066318-E0elsmPWaYQI20190719
J.P. Morgan Securities plc	19-Jul-2019 12:50:03	153	5842.0000	XLON	01502015000067078-E0elsmPWaa5K20190719
J.P. Morgan Securities plc	19-Jul-2019 12:50:03	45	5842.0000	XLON	01502015000066828-E0elsmPWaa5G20190719
J.P. Morgan Securities plc	19-Jul-2019 12:50:03	179	5842.0000	XLON	11502115000066737-E0elsmPWaa5E20190719
J.P. Morgan Securities plc	19-Jul-2019 12:50:06	29	5840.0000	XLON	01502015000066819-E0elsmPWaa9x20190719
J.P. Morgan Securities plc	19-Jul-2019 12:50:06	71	5840.0000	XLON	01502015000066819-E0elsmPWaa9v20190719
J.P. Morgan Securities plc	19-Jul-2019 12:50:06	4	5840.0000	XLON	01502015000066819-E0elsmPWaa9t20190719
J.P. Morgan Securities plc	19-Jul-2019 12:55:33	96	5844.0000	XLON	11502115000069018-E0elsmPWaeNP20190719
J.P. Morgan Securities plc	19-Jul-2019 12:55:33	20	5844.0000	XLON	11502115000069018-E0elsmPWaeNR20190719
J.P. Morgan Securities plc	19-Jul-2019 13:08:54	50	5846.0000	XLON	01502015000074969-E0elsmPWapm420190719
J.P. Morgan Securities plc	19-Jul-2019 13:08:54	116	5846.0000	XLON	01502015000074969-E0elsmPWapm620190719
J.P. Morgan Securities plc	19-Jul-2019 13:08:54	354	5846.0000	XLON	01502015000074969-E0elsmPWapm020190719
J.P. Morgan Securities plc	19-Jul-2019 13:08:54	75	5846.0000	XLON	01502015000074969-E0elsmPWapm220190719
J.P. Morgan Securities plc	19-Jul-2019 13:08:54	12	5844.0000	XLON	01502015000074259-E0elsmPWapml20190719
J.P. Morgan Securities plc	19-Jul-2019 13:08:54	243	5844.0000	XLON	01502015000074259-E0elsmPWapmj20190719
J.P. Morgan Securities plc	19-Jul-2019 13:08:57	43	5846.0000	XLON	11502115000074894-E0elsmPWapou20190719
J.P. Morgan Securities plc	19-Jul-2019 13:08:57	120	5846.0000	XLON	11502115000074894-E0elsmPWapos20190719
J.P. Morgan Securities plc	19-Jul-2019 13:08:57	262	5846.0000	XLON	11502115000074894-E0elsmPWapoc20190719
J.P. Morgan Securities plc	19-Jul-2019 13:09:28	40	5846.0000	XLON	01502015000075073-E0elsmPWaqGt20190719
J.P. Morgan Securities plc	19-Jul-2019 13:13:10	91	5846.0000	XLON	01502015000075402-E0elsmPWatd920190719
J.P. Morgan Securities plc	19-Jul-2019 13:13:10	189	5846.0000	XLON	11502115000075301-E0elsmPWatd720190719
J.P. Morgan Securities plc	19-Jul-2019 13:15:17	63	5848.0000	XLON	01502015000077078-E0elsmPWavml20190719
J.P. Morgan Securities plc	19-Jul-2019 13:15:17	236	5848.0000	XLON	01502015000077078-E0elsmPWavmh20190719
J.P. Morgan Securities plc	19-Jul-2019 13:15:17	75	5848.0000	XLON	01502015000077078-E0elsmPWavmj20190719
J.P. Morgan Securities plc	19-Jul-2019 13:15:59	98	5846.0000	XLON	11502115000076700-E0elsmPWawdE20190719
J.P. Morgan Securities plc	19-Jul-2019 13:15:59	96	5846.0000	XLON	11502115000076361-E0elsmPWawdC20190719
J.P. Morgan Securities plc	19-Jul-2019 13:15:59	64	5846.0000	XLON	11502115000076709-E0elsmPWawdG20190719
J.P. Morgan Securities plc	19-Jul-2019 13:15:59	210	5846.0000	XLON	11502115000076359-E0elsmPWawdA20190719
J.P. Morgan Securities plc	19-Jul-2019 13:16:57	122	5844.0000	XLON	01502015000077409-E0elsmPWaxF120190719
J.P. Morgan Securities plc	19-Jul-2019 13:17:21	15	5844.0000	XLON	01502015000077409-E0elsmPWaxUo20190719
J.P. Morgan Securities plc	19-Jul-2019 13:18:08	35	5844.0000	XLON	01502015000077716-E0elsmPWaxul20190719
J.P. Morgan Securities plc	19-Jul-2019 13:18:08	73	5844.0000	XLON	01502015000077716-E0elsmPWaxun20190719
J.P. Morgan Securities plc	19-Jul-2019 13:19:38	98	5844.0000	XLON	01502015000078049-E0elsmPWaz1720190719
J.P. Morgan Securities plc	19-Jul-2019 13:30:45	98	5852.0000	XLON	11502115000082144-E0elsmPWbACR20190719
J.P. Morgan Securities plc	19-Jul-2019 13:30:45	97	5852.0000	XLON	11502115000082144-E0elsmPWbACT20190719
J.P. Morgan Securities plc	19-Jul-2019 13:30:45	75	5852.0000	XLON	11502115000082144-E0elsmPWbACV20190719
J.P. Morgan Securities plc	19-Jul-2019 13:30:45	50	5852.0000	XLON	11502115000082144-E0elsmPWbACN20190719
J.P. Morgan Securities plc	19-Jul-2019 13:30:45	127	5852.0000	XLON	11502115000082144-E0elsmPWbACP20190719
J.P. Morgan Securities plc	19-Jul-2019 13:30:46	107	5852.0000	XLON	01502015000082251-E0elsmPWbADK20190719
J.P. Morgan Securities plc	19-Jul-2019 13:30:46	193	5852.0000	XLON	11502115000082151-E0elsmPWbADM20190719
J.P. Morgan Securities plc	19-Jul-2019 13:30:46	30	5852.0000	XLON	11502115000082151-E0elsmPWbADP20190719
J.P. Morgan Securities plc	19-Jul-2019 13:30:47	22	5852.0000	XLON	11502115000082151-E0elsmPWbADf20190719
J.P. Morgan Securities plc	19-Jul-2019 13:32:21	180	5856.0000	XLON	01502015000082701-E0elsmPWbBvA20190719
J.P. Morgan Securities plc	19-Jul-2019 13:34:01	193	5856.0000	XLON	11502115000083059-E0elsmPWbDmZ20190719
J.P. Morgan Securities plc	19-Jul-2019 13:34:01	51	5856.0000	XLON	11502115000083036-E0elsmPWbDmV20190719
J.P. Morgan Securities plc	19-Jul-2019 13:34:01	10	5856.0000	XLON	11502115000083041-E0elsmPWbDmX20190719
J.P. Morgan Securities plc	19-Jul-2019 13:34:01	163	5856.0000	XLON	11502115000083022-E0elsmPWbDmR20190719
J.P. Morgan Securities plc	19-Jul-2019 13:34:01	2	5856.0000	XLON	01502015000083171-E0elsmPWbDmd20190719
J.P. Morgan Securities plc	19-Jul-2019 13:34:01	2	5856.0000	XLON	01502015000083163-E0elsmPWbDmb20190719
J.P. Morgan Securities plc	19-Jul-2019 13:34:01	2	5856.0000	XLON	01502015000083125-E0elsmPWbDmT20190719
J.P. Morgan Securities plc	19-Jul-2019 13:34:16	139	5852.0000	XLON	11502115000082608-E0elsmPWbE3C20190719
J.P. Morgan Securities plc	19-Jul-2019 13:36:13	152	5848.0000	XLON	01502015000083463-E0elsmPWbGj520190719
J.P. Morgan Securities plc	19-Jul-2019 13:38:15	11	5846.0000	XLON	11502115000083370-E0elsmPWbluY20190719
J.P. Morgan Securities plc	19-Jul-2019 13:38:15	120	5846.0000	XLON	11502115000083370-E0elsmPWbluT20190719
J.P. Morgan Securities plc	19-Jul-2019 13:38:34	111	5844.0000	XLON	01502015000083903-E0elsmPWbJHO20190719
J.P. Morgan Securities plc	19-Jul-2019 13:39:52	34	5842.0000	XLON	11502115000084238-E0elsmPWbKcj20190719
J.P. Morgan Securities plc	19-Jul-2019 13:39:52	103	5842.0000	XLON	11502115000084238-E0elsmPWbKcl20190719







J.P. Morgan Securities plc	19-Jul-2019 15:14:17	166	5872.0000	XLON	01502015000117834-E0elsmPWdD3J20190719
J.P. Morgan Securities plc	19-Jul-2019 15:14:17	75	5872.0000	XLON	01502015000117834-E0elsmPWdD3H20190719
J.P. Morgan Securities plc	19-Jul-2019 15:14:17	92	5872.0000	XLON	01502015000117834-E0elsmPWdD3F20190719
J.P. Morgan Securities plc	19-Jul-2019 15:18:24	4	5874.0000	XLON	11502115000118701-E0elsmPWdlkO20190719
J.P. Morgan Securities plc	19-Jul-2019 15:18:24	98	5874.0000	XLON	11502115000118709-E0elsmPWdlkX20190719
J.P. Morgan Securities plc	19-Jul-2019 15:18:24	8	5874.0000	XLON	11502115000118705-E0elsmPWdlkV20190719
J.P. Morgan Securities plc	19-Jul-2019 15:18:24	195	5874.0000	XLON	11502115000118701-E0elsmPWdlkT20190719
J.P. Morgan Securities plc	19-Jul-2019 15:21:06	21	5876.0000	XLON	01502015000120032-E0elsmPWdMQk20190719
J.P. Morgan Securities plc	19-Jul-2019 15:21:06	109	5876.0000	XLON	01502015000120032-E0elsmPWdMQg20190719
J.P. Morgan Securities plc	19-Jul-2019 15:21:06	75	5876.0000	XLON	01502015000120032-E0elsmPWdMQc20190719
J.P. Morgan Securities plc	19-Jul-2019 15:21:06	126	5876.0000	XLON	01502015000120032-E0elsmPWdMQe20190719
J.P. Morgan Securities plc	19-Jul-2019 15:21:06	50	5876.0000	XLON	01502015000120032-E0elsmPWdMQi20190719
J.P. Morgan Securities plc	19-Jul-2019 15:21:06	265	5876.0000	XLON	01502015000120032-E0elsmPWdMQa20190719
J.P. Morgan Securities plc	19-Jul-2019 15:26:19	23	5876.0000	XLON	01502015000121633-E0elsmPWdTC520190719
J.P. Morgan Securities plc	19-Jul-2019 15:26:19	38	5876.0000	XLON	01502015000121633-E0elsmPWdTC320190719
J.P. Morgan Securities plc	19-Jul-2019 15:26:20	75	5876.0000	XLON	11502115000121393-E0elsmPWdTEW20190719
J.P. Morgan Securities plc	19-Jul-2019 15:26:20	18	5876.0000	XLON	11502115000121393-E0elsmPWdTEU20190719
J.P. Morgan Securities plc	19-Jul-2019 15:26:20	91	5876.0000	XLON	11502115000121393-E0elsmPWdTEY20190719
J.P. Morgan Securities plc	19-Jul-2019 15:26:20	253	5876.0000	XLON	11502115000121393-E0elsmPWdTES20190719
J.P. Morgan Securities plc	19-Jul-2019 15:26:21	146	5876.0000	XLON	01502015000121646-E0elsmPWdTGY20190719
J.P. Morgan Securities plc	19-Jul-2019 15:26:22	247	5876.0000	XLON	01502015000121654-E0elsmPWdTHN20190719
J.P. Morgan Securities plc	19-Jul-2019 15:26:22	95	5876.0000	XLON	01502015000121654-E0elsmPWdTHP20190719
J.P. Morgan Securities plc	19-Jul-2019 15:26:23	17	5874.0000	XLON	11502115000120666-E0elsmPWdTJc20190719
J.P. Morgan Securities plc	19-Jul-2019 15:26:23	48	5874.0000	XLON	11502115000120688-E0elsmPWdTJe20190719
J.P. Morgan Securities plc	19-Jul-2019 15:26:23	100	5874.0000	XLON	11502115000120666-E0elsmPWdTJa20190719
J.P. Morgan Securities plc	19-Jul-2019 15:26:23	169	5874.0000	XLON	11502115000120688-E0elsmPWdTJi20190719
J.P. Morgan Securities plc	19-Jul-2019 15:26:23	300	5874.0000	XLON	11502115000120688-E0elsmPWdTJg20190719
J.P. Morgan Securities plc	19-Jul-2019 15:28:00	209	5872.0000	XLON	11502115000121709-E0elsmPWdW9120190719
J.P. Morgan Securities plc	19-Jul-2019 15:28:21	161	5870.0000	XLON	01502015000121936-E0elsmPWdWuq20190719
J.P. Morgan Securities plc	19-Jul-2019 15:34:20	19	5876.0000	XLON	01502015000123157-E0elsmPWdfXI20190719
J.P. Morgan Securities plc	19-Jul-2019 15:34:20	6	5876.0000	XLON	01502015000123147-E0elsmPWdfXC20190719
J.P. Morgan Securities plc	19-Jul-2019 15:34:20	167	5876.0000	XLON	01502015000123311-E0elsmPWdfXR20190719
J.P. Morgan Securities plc	19-Jul-2019 15:34:20	67	5876.0000	XLON	11502115000122924-E0elsmPWdfXE20190719
J.P. Morgan Securities plc	19-Jul-2019 15:34:20	169	5876.0000	XLON	11502115000123086-E0elsmPWdfXN20190719
J.P. Morgan Securities plc	19-Jul-2019 15:34:20	8	5876.0000	XLON	11502115000122908-E0elsmPWdfX820190719
J.P. Morgan Securities plc	19-Jul-2019 15:34:20	152	5876.0000	XLON	01502015000123130-E0elsmPWdfX620190719
J.P. Morgan Securities plc	19-Jul-2019 15:34:20	73	5876.0000	XLON	01502015000123317-E0elsmPWdfXT20190719
J.P. Morgan Securities plc	19-Jul-2019 15:34:20	81	5876.0000	XLON	11502115000122924-E0elsmPWdfXG20190719
J.P. Morgan Securities plc	19-Jul-2019 15:34:20	258	5876.0000	XLON	11502115000123324-E0elsmPWdfXc20190719
J.P. Morgan Securities plc	19-Jul-2019 15:34:20	24	5876.0000	XLON	01502015000123317-E0elsmPWdfXW20190719
J.P. Morgan Securities plc	19-Jul-2019 15:34:20	6	5876.0000	XLON	11502115000122912-E0elsmPWdfXA20190719
J.P. Morgan Securities plc	19-Jul-2019 15:34:20	101	5876.0000	XLON	11502115000123229-E0elsmPWdfXY20190719
J.P. Morgan Securities plc	19-Jul-2019 15:34:20	131	5876.0000	XLON	01502015000123157-E0elsmPWdfXL20190719
J.P. Morgan Securities plc	19-Jul-2019 15:34:20	69	5876.0000	XLON	11502115000123086-E0elsmPWdfXP20190719
J.P. Morgan Securities plc	19-Jul-2019 15:34:20	84	5876.0000	XLON	11502115000123326-E0elsmPWdfXe20190719
J.P. Morgan Securities plc	19-Jul-2019 15:37:45	134	5876.0000	XLON	11502115000123976-E0elsmPWdjmU20190719
J.P. Morgan Securities plc	19-Jul-2019 15:38:01	124	5876.0000	XLON	11502115000123976-E0elsmPWdkNi20190719
J.P. Morgan Securities plc	19-Jul-2019 15:39:25	75	5878.0000	XLON	01502015000124435-E0elsmPWdlq320190719
J.P. Morgan Securities plc	19-Jul-2019 15:40:37	50	5878.0000	XLON	01502015000124585-E0elsmPWdn7220190719
J.P. Morgan Securities plc	19-Jul-2019 15:41:00	176	5876.0000	XLON	11502115000124163-E0elsmPWdvnv20190719
J.P. Morgan Securities plc	19-Jul-2019 15:41:00	135	5878.0000	XLON	11502115000124398-E0elsmPWdnfg20190719
J.P. Morgan Securities plc	19-Jul-2019 15:41:00	130	5878.0000	XLON	11502115000124398-E0elsmPWdng020190719
J.P. Morgan Securities plc	19-Jul-2019 15:41:00	25	5876.0000	XLON	11502115000124163-E0elsmPWdvnv20190719
J.P. Morgan Securities plc	19-Jul-2019 15:42:48	50	5878.0000	XLON	01502015000124905-E0elsmPWdqEX20190719
J.P. Morgan Securities plc	19-Jul-2019 15:43:06	141	5878.0000	XLON	01502015000124968-E0elsmPWdqXd20190719
J.P. Morgan Securities plc	19-Jul-2019 15:43:29	10	5876.0000	XLON	11502115000124648-E0elsmPWdr1a20190719
J.P. Morgan Securities plc	19-Jul-2019 15:43:29	200	5876.0000	XLON	11502115000124648-E0elsmPWdr1V20190719
J.P. Morgan Securities plc	19-Jul-2019 15:45:56	59	5878.0000	XLON	01502015000125334-E0elsmPWdvMp20190719
J.P. Morgan Securities plc	19-Jul-2019 15:45:56	90	5878.0000	XLON	01502015000125334-E0elsmPWdvMt20190719
J.P. Morgan Securities plc	19-Jul-2019 15:45:56	33	5878.0000	XLON	01502015000125334-E0elsmPWdvMx20190719
J.P. Morgan Securities plc	19-Jul-2019 15:45:56	3	5878.0000	XLON	01502015000125334-E0elsmPWdvMv20190719
J.P. Morgan Securities plc	19-Jul-2019 15:45:56	26	5878.0000	XLON	01502015000125334-E0elsmPWdvMr20190719
J.P. Morgan Securities plc	19-Jul-2019 15:46:09	1	5876.0000	XLON	11502115000125012-E0elsmPWdvdf20190719
J.P. Morgan Securities plc	19-Jul-2019 15:46:48	210	5876.0000	XLON	11502115000125012-E0elsmPWdwU320190719
J.P. Morgan Securities plc	19-Jul-2019 15:47:45	199	5876.0000	XLON	11502115000125547-E0elsmPWdxqe20190719
J.P. Morgan Securities plc	19-Jul-2019 15:47:45	90	5876.0000	XLON	11502115000125547-E0elsmPWdxqg20190719
J.P. Morgan Securities plc	19-Jul-2019 15:49:06	75	5876.0000	XLON	11502115000125698-E0elsmPWdzPr20190719
J.P. Morgan Securities plc	19-Jul-2019 15:49:06	19	5876.0000	XLON	11502115000125698-E0elsmPWdzPp20190719
J.P. Morgan Securities plc	19-Jul-2019 15:49:25	75	5876.0000	XLON	11502115000125720-E0elsmPWdzlx20190719
J.P. Morgan Securities plc	19-Jul-2019 15:50:31	43	5876.0000	XLON	01502015000126029-E0elsmPWe1Q620190719
J.P. Morgan Securities plc	19-Jul-2019 15:50:31	76	5876.0000	XLON	01502015000126029-E0elsmPWe1Q420190719
J.P. Morgan Securities plc	19-Jul-2019 15:51:07	127	5876.0000	XLON	01502015000126129-E0elsmPWe2DV20190719
J.P. Morgan Securities plc	19-Jul-2019 15:51:07	41	5876.0000	XLON	01502015000126129-E0elsmPWe2DX20190719
J.P. Morgan Securities plc	19-Jul-2019 15:51:22	195	5874.0000	XLON	01502015000125430-E0elsmPWe2WP20190719
J.P. Morgan Securities plc	19-Jul-2019 15:52:44	102	5872.0000	XLON	01502015000126417-E0elsmPWe46F20190719
J.P. Morgan Securities plc	19-Jul-2019 15:52:44	138	5872.0000	XLON	01502015000126417-E0elsmPWe46H20190719
J.P. Morgan Securities plc	19-Jul-2019 15:52:51	296	5870.0000	XLON	01502015000126372-E0elsmPWe4D320190719
J.P. Morgan Securities plc	19-Jul-2019 15:54:01	12	5868.0000	XLON	11502115000126212-E0elsmPWe5sO20190719
J.P. Morgan Securities plc	19-Jul-2019 15:54:01	128	5868.0000	XLON	11502115000126212-E0elsmPWe5sl20190719



J.P. Morgan Securities plc	19-Jul-2019 16:22:04	17	5880.0000	XLON	01502015000131473-E0elsmPWepTp20190719
J.P. Morgan Securities plc	19-Jul-2019 16:22:04	106	5880.0000	XLON	01502015000131473-E0elsmPWepTr20190719
J.P. Morgan Securities plc	19-Jul-2019 16:22:23	217	5878.0000	XLON	01502015000131434-E0elsmPWeqDC20190719
J.P. Morgan Securities plc	19-Jul-2019 16:23:45	127	5880.0000	XLON	11502115000131482-E0elsmPWesNn20190719
J.P. Morgan Securities plc	19-Jul-2019 16:24:24	46	5880.0000	XLON	01502015000131765-E0elsmPWetJC20190719
J.P. Morgan Securities plc	19-Jul-2019 16:24:24	70	5880.0000	XLON	01502015000131765-E0elsmPWetJA20190719
J.P. Morgan Securities plc	19-Jul-2019 16:26:52	72	5880.0000	XLON	01502015000132124-E0elsmPWexEj20190719