

Broker	Transaction Date and Time	Volume	Price (GBP)	Platform	Transaction Reference Number
J.P. Morgan Securities plc	15-Nov-2019 08:01:15	148	6874.0000	XLON	1150311500001254-E0gACozvVYkB20191115
J.P. Morgan Securities plc	15-Nov-2019 08:02:04	56	6874.0000	XLON	1150311500001815-E0gACozvVZuS20191115
J.P. Morgan Securities plc	15-Nov-2019 08:02:06	56	6872.0000	XLON	0150301500001807-E0gACozvVZw320191115
J.P. Morgan Securities plc	15-Nov-2019 08:02:06	54	6872.0000	XLON	0150301500001807-E0gACozvVZw120191115
J.P. Morgan Securities plc	15-Nov-2019 08:04:16	26	6868.0000	XLON	01503015000002745-E0gACozvVc1e20191115
J.P. Morgan Securities plc	15-Nov-2019 08:04:46	91	6874.0000	XLON	01503015000002975-E0gACozvVciq20191115
J.P. Morgan Securities plc	15-Nov-2019 08:04:46	96	6874.0000	XLON	11503115000002980-E0gACozvVcis20191115
J.P. Morgan Securities plc	15-Nov-2019 08:04:46	7	6874.0000	XLON	11503115000002980-E0gACozvVciu20191115
J.P. Morgan Securities plc	15-Nov-2019 08:08:24	40	6860.0000	XLON	01503015000004536-E0gACozvVlh920191115
J.P. Morgan Securities plc	15-Nov-2019 08:08:24	148	6860.0000	XLON	11503115000004544-E0gACozvVlh120191115
J.P. Morgan Securities plc	15-Nov-2019 08:08:24	102	6860.0000	XLON	11503115000004813-E0gACozvVlhB20191115
J.P. Morgan Securities plc	15-Nov-2019 08:08:24	3	6860.0000	XLON	11503115000004822-E0gACozvVlhD20191115
J.P. Morgan Securities plc	15-Nov-2019 08:08:24	102	6860.0000	XLON	01503015000004807-E0gACozvVlhF20191115
J.P. Morgan Securities plc	15-Nov-2019 08:08:24	41	6860.0000	XLON	11503115000004544-E0gACozvVlh720191115
J.P. Morgan Securities plc	15-Nov-2019 08:08:43	102	6850.0000	XLON	01503015000004794-E0gACozvVmVZ20191115
J.P. Morgan Securities plc	15-Nov-2019 08:08:43	27	6850.0000	XLON	11503115000004832-E0gACozvVmVb20191115
J.P. Morgan Securities plc	15-Nov-2019 08:10:18	118	6838.0000	XLON	01503015000005227-E0gACozvVpl620191115
J.P. Morgan Securities plc	15-Nov-2019 08:10:37	118	6840.0000	XLON	11503115000005369-E0gACozvVqHZ20191115
J.P. Morgan Securities plc	15-Nov-2019 08:10:37	11	6840.0000	XLON	01503015000005335-E0gACozvVqHh20191115
J.P. Morgan Securities plc	15-Nov-2019 08:10:37	100	6840.0000	XLON	01503015000005335-E0gACozvVqHf20191115
J.P. Morgan Securities plc	15-Nov-2019 08:10:37	46	6840.0000	XLON	11503115000005370-E0gACozvVqHj20191115
J.P. Morgan Securities plc	15-Nov-2019 08:10:44	218	6838.0000	XLON	01503015000005293-E0gACozvVqQd20191115
J.P. Morgan Securities plc	15-Nov-2019 08:11:16	61	6842.0000	XLON	11503115000005467-E0gACozvVrMy20191115
J.P. Morgan Securities plc	15-Nov-2019 08:11:16	11	6842.0000	XLON	11503115000005467-E0gACozvVrMw20191115
J.P. Morgan Securities plc	15-Nov-2019 08:11:59	7	6834.0000	XLON	11503115000005732-E0gACozvVsRM20191115
J.P. Morgan Securities plc	15-Nov-2019 08:14:31	20	6842.0000	XLON	11503115000006397-E0gACozvVvjX20191115
J.P. Morgan Securities plc	15-Nov-2019 08:14:31	99	6842.0000	XLON	11503115000006397-E0gACozvVvjU20191115
J.P. Morgan Securities plc	15-Nov-2019 08:14:56	202	6842.0000	XLON	01503015000006432-E0gACozvVwB220191115
J.P. Morgan Securities plc	15-Nov-2019 08:14:57	211	6840.0000	XLON	11503115000006358-E0gACozvVwMu20191115
J.P. Morgan Securities plc	15-Nov-2019 08:16:58	124	6834.0000	XLON	11503115000006932-E0gACozvVzWj20191115
J.P. Morgan Securities plc	15-Nov-2019 08:19:04	118	6840.0000	XLON	11503115000007158-E0gACozvW1mk20191115
J.P. Morgan Securities plc	15-Nov-2019 08:19:04	92	6838.0000	XLON	11503115000007124-E0gACozvW1nJ20191115
J.P. Morgan Securities plc	15-Nov-2019 08:19:04	99	6840.0000	XLON	01503015000007180-E0gACozvW1mm20191115
J.P. Morgan Securities plc	15-Nov-2019 08:23:11	50	6842.0000	XLON	11503115000007883-E0gACozvW6il20191115
J.P. Morgan Securities plc	15-Nov-2019 08:23:11	50	6844.0000	XLON	01503015000007897-E0gACozvW6iN20191115
J.P. Morgan Securities plc	15-Nov-2019 08:26:42	224	6848.0000	XLON	01503015000008644-E0gACozvWBeS20191115
J.P. Morgan Securities plc	15-Nov-2019 08:26:52	39	6848.0000	XLON	11503115000008654-E0gACozvWBqv20191115
J.P. Morgan Securities plc	15-Nov-2019 08:30:08	40	6848.0000	XLON	11503115000009629-E0gACozvWHGj20191115
J.P. Morgan Securities plc	15-Nov-2019 08:30:08	44	6848.0000	XLON	11503115000009627-E0gACozvWHGb20191115
J.P. Morgan Securities plc	15-Nov-2019 08:30:08	41	6848.0000	XLON	11503115000009628-E0gACozvWHGf20191115
J.P. Morgan Securities plc	15-Nov-2019 08:30:08	39	6848.0000	XLON	01503015000009667-E0gACozvWHGI20191115
J.P. Morgan Securities plc	15-Nov-2019 08:30:08	42	6848.0000	XLON	01503015000009662-E0gACozvWHGd20191115
J.P. Morgan Securities plc	15-Nov-2019 08:30:08	41	6848.0000	XLON	01503015000009666-E0gACozvWHGh20191115
J.P. Morgan Securities plc	15-Nov-2019 08:31:12	129	6842.0000	XLON	01503015000009975-E0gACozvWll120191115
J.P. Morgan Securities plc	15-Nov-2019 08:32:19	132	6852.0000	XLON	11503115000010136-E0gACozvWJot20191115
J.P. Morgan Securities plc	15-Nov-2019 08:37:24	71	6856.0000	XLON	01503015000011576-E0gACozvWPbP20191115
J.P. Morgan Securities plc	15-Nov-2019 08:37:24	23	6856.0000	XLON	01503015000011572-E0gACozvWPb020191115
J.P. Morgan Securities plc	15-Nov-2019 08:37:24	75	6856.0000	XLON	01503015000011572-E0gACozvWPak20191115
J.P. Morgan Securities plc	15-Nov-2019 08:37:24	40	6856.0000	XLON	01503015000011575-E0gACozvWPb920191115
J.P. Morgan Securities plc	15-Nov-2019 08:37:24	39	6856.0000	XLON	11503115000011585-E0gACozvWPbR20191115
J.P. Morgan Securities plc	15-Nov-2019 08:37:24	40	6856.0000	XLON	11503115000011584-E0gACozvWPbG20191115
J.P. Morgan Securities plc	15-Nov-2019 08:37:24	41	6856.0000	XLON	11503115000011583-E0gACozvWPb220191115
J.P. Morgan Securities plc	15-Nov-2019 08:37:25	262	6856.0000	XLON	01503015000011578-E0gACozvWPcJ20191115
J.P. Morgan Securities plc	15-Nov-2019 08:39:54	220	6852.0000	XLON	01503015000011866-E0gACozvWS1Y20191115
J.P. Morgan Securities plc	15-Nov-2019 08:41:49	24	6850.0000	XLON	11503115000012312-E0gACozvWU1s20191115
J.P. Morgan Securities plc	15-Nov-2019 08:41:57	20	6850.0000	XLON	11503115000012312-E0gACozvWU5e20191115
J.P. Morgan Securities plc	15-Nov-2019 08:42:01	88	6850.0000	XLON	01503015000012282-E0gACozvWUAK20191115
J.P. Morgan Securities plc	15-Nov-2019 08:42:01	72	6850.0000	XLON	11503115000012312-E0gACozvWUAg20191115
J.P. Morgan Securities plc	15-Nov-2019 08:42:01	19	6850.0000	XLON	01503015000012282-E0gACozvWUai20191115
J.P. Morgan Securities plc	15-Nov-2019 08:43:35	183	6850.0000	XLON	11503115000012622-E0gACozvWVgo20191115
J.P. Morgan Securities plc	15-Nov-2019 08:44:06	257	6848.0000	XLON	11503115000012308-E0gACozvWWlv20191115
J.P. Morgan Securities plc	15-Nov-2019 08:44:06	8	6848.0000	XLON	11503115000012308-E0gACozvWWlr20191115
J.P. Morgan Securities plc	15-Nov-2019 08:44:08	65	6846.0000	XLON	11503115000012313-E0gACozvWWOd20191115
J.P. Morgan Securities plc	15-Nov-2019 08:45:19	75	6846.0000	XLON	01503015000013279-E0gACozvWXXR20191115
J.P. Morgan Securities plc	15-Nov-2019 08:46:28	75	6844.0000	XLON	01503015000013639-E0gACozvWYlh20191115
J.P. Morgan Securities plc	15-Nov-2019 08:47:03	124	6842.0000	XLON	11503115000013229-E0gACozvWZCb20191115
J.P. Morgan Securities plc	15-Nov-2019 08:47:03	116	6842.0000	XLON	11503115000013907-E0gACozvWZlb20191115
J.P. Morgan Securities plc	15-Nov-2019 08:47:30	43	6838.0000	XLON	01503015000012829-E0gACozvWZoy20191115
J.P. Morgan Securities plc	15-Nov-2019 08:47:30	98	6838.0000	XLON	01503015000013203-E0gACozvWZp220191115
J.P. Morgan Securities plc	15-Nov-2019 08:47:51	124	6832.0000	XLON	11503115000013771-E0gACozvWaOr20191115
J.P. Morgan Securities plc	15-Nov-2019 08:50:17	114	6828.0000	XLON	11503115000014621-E0gACozvWd7R20191115
J.P. Morgan Securities plc	15-Nov-2019 08:52:26	111	6832.0000	XLON	01503015000015154-E0gACozvWfL520191115
J.P. Morgan Securities plc	15-Nov-2019 08:52:26	116	6832.0000	XLON	11503115000015180-E0gACozvWfL320191115
J.P. Morgan Securities plc	15-Nov-2019 08:52:26	47	6832.0000	XLON	11503115000015181-E0gACozvWfL720191115
J.P. Morgan Securities plc	15-Nov-2019 08:53:25	80	6830.0000	XLON	01503015000015079-E0gACozvWgOt20191115
J.P. Morgan Securities plc	15-Nov-2019 08:53:25	42	6830.0000	XLON	01503015000015079-E0gACozvWgOv20191115
J.P. Morgan Securities plc	15-Nov-2019 08:53:25	79	6830.0000	XLON	01503015000015143-E0gACozvWgOx20191115
J.P. Morgan Securities plc	15-Nov-2019 08:57:17	12	6834.0000	XLON	11503115000016845-E0gACozvWkqN20191115

J.P. Morgan Securities plc	15-Nov-2019 08:57:20	75	6834.0000	XLON	01503015000016876-E0gACozvWkx620191115
J.P. Morgan Securities plc	15-Nov-2019 08:58:09	72	6836.0000	XLON	11503115000017064-E0gACozvWmSq20191115
J.P. Morgan Securities plc	15-Nov-2019 09:04:21	80	6846.0000	XLON	01503015000018902-E0gACozvWurW20191115
J.P. Morgan Securities plc	15-Nov-2019 09:04:21	41	6846.0000	XLON	01503015000018902-E0gACozvWurU20191115
J.P. Morgan Securities plc	15-Nov-2019 09:04:21	51	6846.0000	XLON	01503015000018902-E0gACozvWurS20191115
J.P. Morgan Securities plc	15-Nov-2019 09:04:27	187	6844.0000	XLON	11503115000018874-E0gACozvWv6j20191115
J.P. Morgan Securities plc	15-Nov-2019 09:04:27	83	6844.0000	XLON	11503115000018874-E0gACozvWv6m20191115
J.P. Morgan Securities plc	15-Nov-2019 09:07:59	39	6848.0000	XLON	01503015000019976-E0gACozvWvjY20191115
J.P. Morgan Securities plc	15-Nov-2019 09:07:59	32	6848.0000	XLON	01503015000019976-E0gACozvWvja20191115
J.P. Morgan Securities plc	15-Nov-2019 09:07:59	71	6848.0000	XLON	01503015000019976-E0gACozvWvjU20191115
J.P. Morgan Securities plc	15-Nov-2019 09:07:59	33	6848.0000	XLON	01503015000019976-E0gACozvWvjW20191115
J.P. Morgan Securities plc	15-Nov-2019 09:08:06	10	6854.0000	XLON	01503015000020028-E0gACozvWyyV20191115
J.P. Morgan Securities plc	15-Nov-2019 09:08:06	131	6854.0000	XLON	01503015000020028-E0gACozvWyyR20191115
J.P. Morgan Securities plc	15-Nov-2019 09:08:06	75	6854.0000	XLON	01503015000020028-E0gACozvWyyT20191115
J.P. Morgan Securities plc	15-Nov-2019 09:10:36	65	6856.0000	XLON	11503115000020659-E0gACozvX1M620191115
J.P. Morgan Securities plc	15-Nov-2019 09:10:40	100	6856.0000	XLON	11503115000020684-E0gACozvX1Pm20191115
J.P. Morgan Securities plc	15-Nov-2019 09:10:40	100	6856.0000	XLON	11503115000020684-E0gACozvX1Po20191115
J.P. Morgan Securities plc	15-Nov-2019 09:12:16	46	6850.0000	XLON	11503115000020984-E0gACozvX2g620191115
J.P. Morgan Securities plc	15-Nov-2019 09:12:16	2	6850.0000	XLON	11503115000020984-E0gACozvX2g820191115
J.P. Morgan Securities plc	15-Nov-2019 09:13:11	46	6850.0000	XLON	01503015000021268-E0gACozvX3fY20191115
J.P. Morgan Securities plc	15-Nov-2019 09:16:05	39	6866.0000	XLON	01503015000022225-E0gACozvX6SX20191115
J.P. Morgan Securities plc	15-Nov-2019 09:16:05	35	6866.0000	XLON	11503115000022202-E0gACozvX6Qm20191115
J.P. Morgan Securities plc	15-Nov-2019 09:16:05	62	6866.0000	XLON	11503115000022197-E0gACozvX6QA20191115
J.P. Morgan Securities plc	15-Nov-2019 09:16:05	40	6866.0000	XLON	11503115000022201-E0gACozvX6QV20191115
J.P. Morgan Securities plc	15-Nov-2019 09:16:05	4	6866.0000	XLON	11503115000022203-E0gACozvX6SV20191115
J.P. Morgan Securities plc	15-Nov-2019 09:16:05	40	6866.0000	XLON	01503015000022223-E0gACozvX6QZ20191115
J.P. Morgan Securities plc	15-Nov-2019 09:16:05	40	6866.0000	XLON	01503015000022221-E0gACozvX6QO20191115
J.P. Morgan Securities plc	15-Nov-2019 09:18:10	43	6870.0000	XLON	01503015000022874-E0gACozvX9ZF20191115
J.P. Morgan Securities plc	15-Nov-2019 09:18:10	32	6872.0000	XLON	01503015000022874-E0gACozvX9ZL20191115
J.P. Morgan Securities plc	15-Nov-2019 09:18:10	81	6872.0000	XLON	01503015000022874-E0gACozvX9ZN20191115
J.P. Morgan Securities plc	15-Nov-2019 09:18:10	75	6870.0000	XLON	01503015000022874-E0gACozvX9ZH20191115
J.P. Morgan Securities plc	15-Nov-2019 09:18:10	42	6872.0000	XLON	01503015000022874-E0gACozvX9ZJ20191115
J.P. Morgan Securities plc	15-Nov-2019 09:19:17	2	6868.0000	XLON	11503115000023024-E0gACozvXAmb20191115
J.P. Morgan Securities plc	15-Nov-2019 09:20:34	35	6870.0000	XLON	11503115000023492-E0gACozvXCPN20191115
J.P. Morgan Securities plc	15-Nov-2019 09:20:34	41	6870.0000	XLON	01503015000023368-E0gACozvXCPH20191115
J.P. Morgan Securities plc	15-Nov-2019 09:20:34	55	6870.0000	XLON	11503115000023329-E0gACozvXCPJ20191115
J.P. Morgan Securities plc	15-Nov-2019 09:20:34	42	6870.0000	XLON	11503115000023309-E0gACozvXCPF20191115
J.P. Morgan Securities plc	15-Nov-2019 09:20:34	46	6870.0000	XLON	11503115000023485-E0gACozvXCPL20191115
J.P. Morgan Securities plc	15-Nov-2019 09:20:34	24	6870.0000	XLON	11503115000023492-E0gACozvXCPC20191115
J.P. Morgan Securities plc	15-Nov-2019 09:20:34	42	6870.0000	XLON	01503015000023342-E0gACozvXCPD20191115
J.P. Morgan Securities plc	15-Nov-2019 09:20:34	39	6870.0000	XLON	01503015000023336-E0gACozvXCPB20191115
J.P. Morgan Securities plc	15-Nov-2019 09:22:59	75	6868.0000	XLON	01503015000024131-E0gACozvXF1320191115
J.P. Morgan Securities plc	15-Nov-2019 09:22:59	15	6868.0000	XLON	01503015000024131-E0gACozvXF1120191115
J.P. Morgan Securities plc	15-Nov-2019 09:23:17	219	6868.0000	XLON	11503115000024177-E0gACozvXFVW20191115
J.P. Morgan Securities plc	15-Nov-2019 09:23:58	126	6866.0000	XLON	11503115000023911-E0gACozvXG1020191115
J.P. Morgan Securities plc	15-Nov-2019 09:23:58	121	6866.0000	XLON	01503015000023936-E0gACozvXG0y20191115
J.P. Morgan Securities plc	15-Nov-2019 09:23:58	9	6866.0000	XLON	01503015000023936-E0gACozvXG0v20191115
J.P. Morgan Securities plc	15-Nov-2019 09:24:55	94	6864.0000	XLON	01503015000024415-E0gACozvXGhM20191115
J.P. Morgan Securities plc	15-Nov-2019 09:24:55	31	6864.0000	XLON	01503015000024415-E0gACozvXGhO20191115
J.P. Morgan Securities plc	15-Nov-2019 09:25:47	1	6860.0000	XLON	01503015000024126-E0gACozvXHxa20191115
J.P. Morgan Securities plc	15-Nov-2019 09:27:49	76	6864.0000	XLON	11503115000025023-E0gACozvXJMd20191115
J.P. Morgan Securities plc	15-Nov-2019 09:27:49	128	6864.0000	XLON	01503015000024921-E0gACozvXJMX20191115
J.P. Morgan Securities plc	15-Nov-2019 09:28:39	75	6864.0000	XLON	01503015000025275-E0gACozvXK3v20191115
J.P. Morgan Securities plc	15-Nov-2019 09:28:39	33	6864.0000	XLON	01503015000025275-E0gACozvXK3x20191115
J.P. Morgan Securities plc	15-Nov-2019 09:31:31	40	6868.0000	XLON	11503115000025905-E0gACozvXMMN20191115
J.P. Morgan Securities plc	15-Nov-2019 09:31:31	75	6868.0000	XLON	11503115000025905-E0gACozvXMMP20191115
J.P. Morgan Securities plc	15-Nov-2019 09:31:59	40	6868.0000	XLON	11503115000025971-E0gACozvXMgP20191115
J.P. Morgan Securities plc	15-Nov-2019 09:31:59	14	6868.0000	XLON	11503115000025971-E0gACozvXMgR20191115
J.P. Morgan Securities plc	15-Nov-2019 09:34:40	40	6868.0000	XLON	11503115000026314-E0gACozvXOyM20191115
J.P. Morgan Securities plc	15-Nov-2019 09:35:53	125	6866.0000	XLON	01503015000026518-E0gACozvXQ8p20191115
J.P. Morgan Securities plc	15-Nov-2019 09:35:53	134	6866.0000	XLON	11503115000026547-E0gACozvXQ8t20191115
J.P. Morgan Securities plc	15-Nov-2019 09:37:36	67	6870.0000	XLON	11503115000026728-E0gACozvXRGJ20191115
J.P. Morgan Securities plc	15-Nov-2019 09:37:36	67	6870.0000	XLON	01503015000026711-E0gACozvXRGF20191115
J.P. Morgan Securities plc	15-Nov-2019 09:38:33	56	6864.0000	XLON	11503115000026696-E0gACozvXRxE20191115
J.P. Morgan Securities plc	15-Nov-2019 09:44:56	15	6868.0000	XLON	11503115000028300-E0gACozvXXLJ20191115
J.P. Morgan Securities plc	15-Nov-2019 09:44:56	44	6868.0000	XLON	11503115000028309-E0gACozvXXLO20191115
J.P. Morgan Securities plc	15-Nov-2019 09:44:56	61	6868.0000	XLON	11503115000028300-E0gACozvXXLM20191115
J.P. Morgan Securities plc	15-Nov-2019 09:44:56	44	6868.0000	XLON	01503015000028381-E0gACozvXXLQ20191115
J.P. Morgan Securities plc	15-Nov-2019 09:44:56	39	6868.0000	XLON	11503115000028044-E0gACozvXXLA20191115
J.P. Morgan Securities plc	15-Nov-2019 09:44:56	1	6868.0000	XLON	11503115000028044-E0gACozvXXLH20191115
J.P. Morgan Securities plc	15-Nov-2019 09:44:56	44	6868.0000	XLON	01503015000028088-E0gACozvXXL420191115
J.P. Morgan Securities plc	15-Nov-2019 09:45:01	37	6868.0000	XLON	01503015000028900-E0gACozvXXUS20191115
J.P. Morgan Securities plc	15-Nov-2019 09:45:01	75	6868.0000	XLON	01503015000028900-E0gACozvXXUQ20191115
J.P. Morgan Securities plc	15-Nov-2019 09:45:05	98	6868.0000	XLON	11503115000028856-E0gACozvXXfH20191115
J.P. Morgan Securities plc	15-Nov-2019 09:45:50	107	6868.0000	XLON	01503015000028984-E0gACozvXYRC20191115
J.P. Morgan Securities plc	15-Nov-2019 09:45:50	64	6868.0000	XLON	11503115000028924-E0gACozvXYRA20191115
J.P. Morgan Securities plc	15-Nov-2019 09:45:50	78	6868.0000	XLON	11503115000028924-E0gACozvXYR720191115
J.P. Morgan Securities plc	15-Nov-2019 09:45:50	22	6868.0000	XLON	11503115000029014-E0gACozvXYRL20191115
J.P. Morgan Securities plc	15-Nov-2019 09:46:59	51	6868.0000	XLON	01503015000029410-E0gACozvXZDZ20191115

J.P. Morgan Securities plc	15-Nov-2019 09:52:24	40	6876.0000	XLON	01503015000030723-E0gACozvXeak20191115
J.P. Morgan Securities plc	15-Nov-2019 09:52:24	209	6876.0000	XLON	01503015000030587-E0gACozvXeac20191115
J.P. Morgan Securities plc	15-Nov-2019 09:55:15	40	6882.0000	XLON	11503115000031689-E0gACozvXhew20191115
J.P. Morgan Securities plc	15-Nov-2019 09:55:15	209	6882.0000	XLON	01503015000031741-E0gACozvXheu20191115
J.P. Morgan Securities plc	15-Nov-2019 09:59:48	41	6882.0000	XLON	01503015000033074-E0gACozvXIRC20191115
J.P. Morgan Securities plc	15-Nov-2019 09:59:48	45	6882.0000	XLON	11503115000033017-E0gACozvXIRA20191115
J.P. Morgan Securities plc	15-Nov-2019 09:59:48	22	6882.0000	XLON	11503115000032820-E0gACozvXIR20191115
J.P. Morgan Securities plc	15-Nov-2019 09:59:48	52	6882.0000	XLON	11503115000031968-E0gACozvXIQu20191115
J.P. Morgan Securities plc	15-Nov-2019 09:59:48	86	6882.0000	XLON	01503015000032013-E0gACozvXIQo20191115
J.P. Morgan Securities plc	15-Nov-2019 09:59:48	13	6882.0000	XLON	11503115000033018-E0gACozvXIRG20191115
J.P. Morgan Securities plc	15-Nov-2019 09:59:48	148	6882.0000	XLON	01503015000033073-E0gACozvXIR820191115
J.P. Morgan Securities plc	15-Nov-2019 09:59:48	27	6882.0000	XLON	11503115000033018-E0gACozvXIRE20191115
J.P. Morgan Securities plc	15-Nov-2019 09:59:48	28	6882.0000	XLON	01503015000032018-E0gACozvXIQq20191115
J.P. Morgan Securities plc	15-Nov-2019 10:00:45	48	6886.0000	XLON	01503015000033364-E0gACozvXmvG20191115
J.P. Morgan Securities plc	15-Nov-2019 10:00:45	137	6886.0000	XLON	11503115000033329-E0gACozvXmvL20191115
J.P. Morgan Securities plc	15-Nov-2019 10:01:32	29	6884.0000	XLON	01503015000033350-E0gACozvXnb320191115
J.P. Morgan Securities plc	15-Nov-2019 10:01:59	50	6884.0000	XLON	01503015000033350-E0gACozvXnmt20191115
J.P. Morgan Securities plc	15-Nov-2019 10:02:17	50	6884.0000	XLON	01503015000033350-E0gACozvXo5h20191115
J.P. Morgan Securities plc	15-Nov-2019 10:02:18	30	6884.0000	XLON	01503015000033350-E0gACozvXo6W20191115
J.P. Morgan Securities plc	15-Nov-2019 10:02:18	50	6884.0000	XLON	01503015000033350-E0gACozvXo6U20191115
J.P. Morgan Securities plc	15-Nov-2019 10:04:51	78	6886.0000	XLON	11503115000034089-E0gACozvXqVt20191115
J.P. Morgan Securities plc	15-Nov-2019 10:05:46	43	6886.0000	XLON	01503015000034191-E0gACozvXrRa20191115
J.P. Morgan Securities plc	15-Nov-2019 10:05:46	40	6886.0000	XLON	01503015000034226-E0gACozvXrRe20191115
J.P. Morgan Securities plc	15-Nov-2019 10:06:59	153	6886.0000	XLON	01503015000034502-E0gACozvXsgu20191115
J.P. Morgan Securities plc	15-Nov-2019 10:15:27	68	6892.0000	XLON	11503115000037582-E0gACozvY48F20191115
J.P. Morgan Securities plc	15-Nov-2019 10:15:27	275	6892.0000	XLON	11503115000037522-E0gACozvY47W20191115
J.P. Morgan Securities plc	15-Nov-2019 10:15:28	9	6892.0000	XLON	01503015000037640-E0gACozvY4LS20191115
J.P. Morgan Securities plc	15-Nov-2019 10:15:29	532	6892.0000	XLON	11503115000037599-E0gACozvY4PJ20191115
J.P. Morgan Securities plc	15-Nov-2019 10:15:36	205	6884.0000	XLON	01503015000037715-E0gACozvY5XD20191115
J.P. Morgan Securities plc	15-Nov-2019 10:17:10	75	6876.0000	XLON	11503115000038127-E0gACozvY85U20191115
J.P. Morgan Securities plc	15-Nov-2019 10:17:10	247	6876.0000	XLON	01503015000038148-E0gACozvY85O20191115
J.P. Morgan Securities plc	15-Nov-2019 10:17:10	151	6876.0000	XLON	01503015000038152-E0gACozvY85W20191115
J.P. Morgan Securities plc	15-Nov-2019 10:17:49	142	6872.0000	XLON	01503015000038149-E0gACozvY8xy20191115
J.P. Morgan Securities plc	15-Nov-2019 10:17:49	9	6872.0000	XLON	01503015000038149-E0gACozvY8xw20191115
J.P. Morgan Securities plc	15-Nov-2019 10:17:49	19	6872.0000	XLON	11503115000038128-E0gACozvY8y020191115
J.P. Morgan Securities plc	15-Nov-2019 10:20:20	202	6864.0000	XLON	11503115000038447-E0gACozvYChv20191115
J.P. Morgan Securities plc	15-Nov-2019 10:20:33	36	6864.0000	XLON	01503015000038839-E0gACozvYD4k20191115
J.P. Morgan Securities plc	15-Nov-2019 10:20:37	158	6862.0000	XLON	01503015000038486-E0gACozvYDBS20191115
J.P. Morgan Securities plc	15-Nov-2019 10:21:05	173	6858.0000	XLON	11503115000038448-E0gACozvYDIC20191115
J.P. Morgan Securities plc	15-Nov-2019 10:22:07	164	6850.0000	XLON	01503015000039128-E0gACozvYFXL20191115
J.P. Morgan Securities plc	15-Nov-2019 10:22:51	164	6848.0000	XLON	11503115000039073-E0gACozvYGEe20191115
J.P. Morgan Securities plc	15-Nov-2019 10:24:37	24	6844.0000	XLON	11503115000039014-E0gACozvYIUj20191115
J.P. Morgan Securities plc	15-Nov-2019 10:24:37	120	6844.0000	XLON	11503115000039014-E0gACozvYIUe20191115
J.P. Morgan Securities plc	15-Nov-2019 10:24:52	114	6842.0000	XLON	01503015000039363-E0gACozvYJ5U20191115
J.P. Morgan Securities plc	15-Nov-2019 10:27:06	141	6840.0000	XLON	01503015000039809-E0gACozvYMA120191115
J.P. Morgan Securities plc	15-Nov-2019 10:30:02	71	6836.0000	XLON	01503015000040770-E0gACozvYRXW20191115
J.P. Morgan Securities plc	15-Nov-2019 10:31:28	20	6836.0000	XLON	11503115000041028-E0gACozvYTHc20191115
J.P. Morgan Securities plc	15-Nov-2019 10:31:28	75	6836.0000	XLON	11503115000041028-E0gACozvYTHa20191115
J.P. Morgan Securities plc	15-Nov-2019 10:31:46	42	6834.0000	XLON	11503115000040801-E0gACozvYTa020191115
J.P. Morgan Securities plc	15-Nov-2019 10:31:46	43	6834.0000	XLON	01503015000041070-E0gACozvYTaQ20191115
J.P. Morgan Securities plc	15-Nov-2019 10:32:31	150	6832.0000	XLON	11503115000041119-E0gACozvYUyT20191115
J.P. Morgan Securities plc	15-Nov-2019 10:33:48	64	6834.0000	XLON	01503015000041460-E0gACozvYWUB20191115
J.P. Morgan Securities plc	15-Nov-2019 10:35:51	74	6832.0000	XLON	01503015000041785-E0gACozvYZ0620191115
J.P. Morgan Securities plc	15-Nov-2019 10:36:01	48	6830.0000	XLON	11503115000041686-E0gACozvYZLs20191115
J.P. Morgan Securities plc	15-Nov-2019 10:37:07	84	6830.0000	XLON	11503115000042105-E0gACozvYahT20191115
J.P. Morgan Securities plc	15-Nov-2019 10:40:35	115	6832.0000	XLON	01503015000042881-E0gACozvYePJ20191115
J.P. Morgan Securities plc	15-Nov-2019 10:40:35	47	6832.0000	XLON	01503015000042881-E0gACozvYePL20191115
J.P. Morgan Securities plc	15-Nov-2019 10:41:58	34	6832.0000	XLON	11503115000043063-E0gACozvYfPR20191115
J.P. Morgan Securities plc	15-Nov-2019 10:44:06	36	6836.0000	XLON	11503115000043384-E0gACozvYhVu20191115
J.P. Morgan Securities plc	15-Nov-2019 10:44:34	183	6836.0000	XLON	11503115000043420-E0gACozvYhpL20191115
J.P. Morgan Securities plc	15-Nov-2019 10:44:34	117	6836.0000	XLON	01503015000043504-E0gACozvYhpS20191115
J.P. Morgan Securities plc	15-Nov-2019 10:45:23	40	6838.0000	XLON	01503015000043637-E0gACozvYiXK20191115
J.P. Morgan Securities plc	15-Nov-2019 10:45:37	55	6836.0000	XLON	01503015000043624-E0gACozvYinz20191115
J.P. Morgan Securities plc	15-Nov-2019 10:47:50	39	6836.0000	XLON	01503015000043850-E0gACozvYkm620191115
J.P. Morgan Securities plc	15-Nov-2019 10:48:38	33	6836.0000	XLON	11503115000044030-E0gACozvYIOX20191115
J.P. Morgan Securities plc	15-Nov-2019 10:48:38	75	6836.0000	XLON	11503115000044030-E0gACozvYIOZ20191115
J.P. Morgan Securities plc	15-Nov-2019 10:50:01	121	6842.0000	XLON	01503015000044367-E0gACozvYmur20191115
J.P. Morgan Securities plc	15-Nov-2019 10:50:16	79	6838.0000	XLON	01503015000044172-E0gACozvYnke20191115
J.P. Morgan Securities plc	15-Nov-2019 10:50:23	74	6836.0000	XLON	01503015000044390-E0gACozvYoAA20191115
J.P. Morgan Securities plc	15-Nov-2019 10:50:23	52	6836.0000	XLON	01503015000044471-E0gACozvYoAE20191115
J.P. Morgan Securities plc	15-Nov-2019 10:50:27	111	6834.0000	XLON	11503115000044428-E0gACozvYoR920191115
J.P. Morgan Securities plc	15-Nov-2019 10:52:40	48	6832.0000	XLON	11503115000045057-E0gACozvYuqT20191115
J.P. Morgan Securities plc	15-Nov-2019 10:52:40	127	6834.0000	XLON	01503015000045082-E0gACozvYupk20191115
J.P. Morgan Securities plc	15-Nov-2019 10:52:40	147	6834.0000	XLON	01503015000045015-E0gACozvYupe20191115
J.P. Morgan Securities plc	15-Nov-2019 10:52:40	22	6832.0000	XLON	11503115000045057-E0gACozvYuqP20191115
J.P. Morgan Securities plc	15-Nov-2019 10:54:30	55	6816.0000	XLON	01503015000045408-E0gACozvYzgv20191115
J.P. Morgan Securities plc	15-Nov-2019 10:54:45	47	6816.0000	XLON	01503015000045408-E0gACozvZ0Di20191115
J.P. Morgan Securities plc	15-Nov-2019 10:55:37	100	6814.0000	XLON	11503115000045857-E0gACozvZ2IO20191115
J.P. Morgan Securities plc	15-Nov-2019 10:55:37	18	6814.0000	XLON	11503115000045857-E0gACozvZ2IZ20191115

J.P. Morgan Securities plc	15-Nov-2019 10:55:37	44	6814.0000	XLON	11503115000045857-E0gACozvZ2I120191115
J.P. Morgan Securities plc	15-Nov-2019 10:58:45	81	6806.0000	XLON	01503015000046288-E0gACozvZAIH20191115
J.P. Morgan Securities plc	15-Nov-2019 10:59:23	38	6808.0000	XLON	11503115000046737-E0gACozvZBo220191115
J.P. Morgan Securities plc	15-Nov-2019 10:59:26	41	6808.0000	XLON	11503115000046737-E0gACozvZBtA20191115
J.P. Morgan Securities plc	15-Nov-2019 10:59:26	40	6808.0000	XLON	11503115000046737-E0gACozvZBt420191115
J.P. Morgan Securities plc	15-Nov-2019 11:01:05	68	6816.0000	XLON	01503015000047230-E0gACozvZEeW20191115
J.P. Morgan Securities plc	15-Nov-2019 11:01:05	125	6816.0000	XLON	01503015000047230-E0gACozvZEeY20191115
J.P. Morgan Securities plc	15-Nov-2019 11:01:27	11	6814.0000	XLON	01503015000047219-E0gACozvZFBa20191115
J.P. Morgan Securities plc	15-Nov-2019 11:01:27	100	6814.0000	XLON	01503015000047219-E0gACozvZFBT20191115
J.P. Morgan Securities plc	15-Nov-2019 11:03:24	114	6810.0000	XLON	11503115000047178-E0gACozvZHOO20191115
J.P. Morgan Securities plc	15-Nov-2019 11:06:07	58	6806.0000	XLON	01503015000048069-E0gACozvZKic20191115
J.P. Morgan Securities plc	15-Nov-2019 11:06:07	60	6806.0000	XLON	11503115000047649-E0gACozvZKiY20191115
J.P. Morgan Securities plc	15-Nov-2019 11:06:58	170	6800.0000	XLON	01503015000048392-E0gACozvZMDk20191115
J.P. Morgan Securities plc	15-Nov-2019 11:08:51	53	6808.0000	XLON	01503015000048765-E0gACozvZPFx20191115
J.P. Morgan Securities plc	15-Nov-2019 11:12:01	81	6804.0000	XLON	01503015000049411-E0gACozvZSb220191115
J.P. Morgan Securities plc	15-Nov-2019 11:15:49	37	6804.0000	XLON	11503115000049855-E0gACozvZVh420191115
J.P. Morgan Securities plc	15-Nov-2019 11:15:49	2	6804.0000	XLON	01503015000049905-E0gACozvZVh220191115
J.P. Morgan Securities plc	15-Nov-2019 11:15:49	55	6804.0000	XLON	11503115000049798-E0gACozvZVh020191115
J.P. Morgan Securities plc	15-Nov-2019 11:15:49	68	6804.0000	XLON	01503015000050066-E0gACozvZVhA20191115
J.P. Morgan Securities plc	15-Nov-2019 11:15:49	108	6804.0000	XLON	11503115000049945-E0gACozvZVh820191115
J.P. Morgan Securities plc	15-Nov-2019 11:15:49	53	6804.0000	XLON	11503115000049798-E0gACozvZVgk20191115
J.P. Morgan Securities plc	15-Nov-2019 11:21:09	111	6808.0000	XLON	11503115000051191-E0gACozvZajm20191115
J.P. Morgan Securities plc	15-Nov-2019 11:21:09	40	6808.0000	XLON	11503115000051184-E0gACozvZajg20191115
J.P. Morgan Securities plc	15-Nov-2019 11:21:09	45	6808.0000	XLON	01503015000051277-E0gACozvZajk20191115
J.P. Morgan Securities plc	15-Nov-2019 11:23:29	53	6816.0000	XLON	01503015000051795-E0gACozvZdNc20191115
J.P. Morgan Securities plc	15-Nov-2019 11:23:33	75	6816.0000	XLON	11503115000051723-E0gACozvZdOf20191115
J.P. Morgan Securities plc	15-Nov-2019 11:23:36	68	6816.0000	XLON	01503015000051805-E0gACozvZdQ020191115
J.P. Morgan Securities plc	15-Nov-2019 11:26:50	53	6816.0000	XLON	11503115000052171-E0gACozvZgFi20191115
J.P. Morgan Securities plc	15-Nov-2019 11:26:50	41	6816.0000	XLON	11503115000052170-E0gACozvZgFg20191115
J.P. Morgan Securities plc	15-Nov-2019 11:26:50	47	6816.0000	XLON	11503115000052079-E0gACozvZgFe20191115
J.P. Morgan Securities plc	15-Nov-2019 11:26:50	53	6816.0000	XLON	01503015000052221-E0gACozvZgFk20191115
J.P. Morgan Securities plc	15-Nov-2019 11:26:50	58	6816.0000	XLON	01503015000052229-E0gACozvZgFm20191115
J.P. Morgan Securities plc	15-Nov-2019 11:29:16	40	6818.0000	XLON	11503115000052720-E0gACozvZi5F20191115
J.P. Morgan Securities plc	15-Nov-2019 11:30:08	67	6818.0000	XLON	11503115000052901-E0gACozvZii520191115
J.P. Morgan Securities plc	15-Nov-2019 11:30:08	67	6818.0000	XLON	11503115000052902-E0gACozvZii920191115
J.P. Morgan Securities plc	15-Nov-2019 11:30:08	68	6818.0000	XLON	01503015000052959-E0gACozvZii720191115
J.P. Morgan Securities plc	15-Nov-2019 11:30:36	51	6818.0000	XLON	01503015000053079-E0gACozvZj2J20191115
J.P. Morgan Securities plc	15-Nov-2019 11:31:30	55	6816.0000	XLON	01503015000053025-E0gACozvZjjs20191115
J.P. Morgan Securities plc	15-Nov-2019 11:32:15	37	6816.0000	XLON	11503115000053404-E0gACozvZkIT20191115
J.P. Morgan Securities plc	15-Nov-2019 11:32:15	68	6816.0000	XLON	11503115000053404-E0gACozvZkIL20191115
J.P. Morgan Securities plc	15-Nov-2019 11:35:04	57	6820.0000	XLON	01503015000053633-E0gACozvZmmA20191115
J.P. Morgan Securities plc	15-Nov-2019 11:35:04	35	6822.0000	XLON	01503015000053800-E0gACozvZmmH20191115
J.P. Morgan Securities plc	15-Nov-2019 11:35:04	18	6822.0000	XLON	01503015000053800-E0gACozvZmmJ20191115
J.P. Morgan Securities plc	15-Nov-2019 11:35:36	44	6820.0000	XLON	11503115000053818-E0gACozvZnBQ20191115
J.P. Morgan Securities plc	15-Nov-2019 11:35:36	6	6820.0000	XLON	11503115000053818-E0gACozvZnBO20191115
J.P. Morgan Securities plc	15-Nov-2019 11:35:53	89	6820.0000	XLON	01503015000053884-E0gACozvZnSb20191115
J.P. Morgan Securities plc	15-Nov-2019 11:37:36	15	6824.0000	XLON	11503115000054069-E0gACozvZpFj20191115
J.P. Morgan Securities plc	15-Nov-2019 11:37:41	102	6824.0000	XLON	11503115000054077-E0gACozvZpM620191115
J.P. Morgan Securities plc	15-Nov-2019 11:37:41	51	6824.0000	XLON	11503115000054077-E0gACozvZpMB20191115
J.P. Morgan Securities plc	15-Nov-2019 11:40:16	120	6824.0000	XLON	01503015000054412-E0gACozvZqx720191115
J.P. Morgan Securities plc	15-Nov-2019 11:40:37	112	6824.0000	XLON	01503015000054503-E0gACozvZrP220191115
J.P. Morgan Securities plc	15-Nov-2019 11:42:55	43	6826.0000	XLON	11503115000054704-E0gACozvZtDx20191115
J.P. Morgan Securities plc	15-Nov-2019 11:43:02	55	6824.0000	XLON	11503115000054505-E0gACozvZtPk20191115
J.P. Morgan Securities plc	15-Nov-2019 11:45:22	47	6830.0000	XLON	11503115000055048-E0gACozvZvWm20191115
J.P. Morgan Securities plc	15-Nov-2019 11:46:19	143	6830.0000	XLON	01503015000055237-E0gACozvZvvf20191115
J.P. Morgan Securities plc	15-Nov-2019 11:46:19	51	6830.0000	XLON	11503115000055197-E0gACozvZvvm20191115
J.P. Morgan Securities plc	15-Nov-2019 11:47:59	120	6824.0000	XLON	01503015000055451-E0gACozvZvwM20191115
J.P. Morgan Securities plc	15-Nov-2019 11:47:59	52	6824.0000	XLON	01503015000055451-E0gACozvZvwQ20191115
J.P. Morgan Securities plc	15-Nov-2019 11:47:59	50	6824.0000	XLON	01503015000055451-E0gACozvZvwO20191115
J.P. Morgan Securities plc	15-Nov-2019 11:50:27	50	6824.0000	XLON	01503015000055774-E0gACozvZyhV20191115
J.P. Morgan Securities plc	15-Nov-2019 11:50:27	139	6824.0000	XLON	01503015000055787-E0gACozvZyhZ20191115
J.P. Morgan Securities plc	15-Nov-2019 11:50:27	95	6824.0000	XLON	01503015000055774-E0gACozvZyhE20191115
J.P. Morgan Securities plc	15-Nov-2019 11:50:27	174	6824.0000	XLON	01503015000055661-E0gACozvZyhC20191115
J.P. Morgan Securities plc	15-Nov-2019 11:57:08	307	6822.0000	XLON	01503015000056801-E0gACozva4Tx20191115
J.P. Morgan Securities plc	15-Nov-2019 11:57:08	134	6822.0000	XLON	11503115000056758-E0gACozva4Tz20191115
J.P. Morgan Securities plc	15-Nov-2019 11:58:38	29	6822.0000	XLON	01503015000057062-E0gACozva5b120191115
J.P. Morgan Securities plc	15-Nov-2019 11:59:09	9	6820.0000	XLON	11503115000057054-E0gACozva6Ho20191115
J.P. Morgan Securities plc	15-Nov-2019 11:59:09	135	6820.0000	XLON	11503115000057054-E0gACozva6Gy20191115
J.P. Morgan Securities plc	15-Nov-2019 11:59:09	133	6822.0000	XLON	01503015000057103-E0gACozva6Eo20191115
J.P. Morgan Securities plc	15-Nov-2019 12:02:29	207	6810.0000	XLON	01503015000058267-E0gACozvaBFG20191115
J.P. Morgan Securities plc	15-Nov-2019 12:02:52	76	6808.0000	XLON	11503115000058213-E0gACozvaC4620191115
J.P. Morgan Securities plc	15-Nov-2019 12:02:52	103	6808.0000	XLON	11503115000058213-E0gACozvaC4920191115
J.P. Morgan Securities plc	15-Nov-2019 12:12:49	189	6824.0000	XLON	01503015000060440-E0gACozvaMtb20191115
J.P. Morgan Securities plc	15-Nov-2019 12:14:45	29	6824.0000	XLON	11503115000060606-E0gACozvaOBC20191115
J.P. Morgan Securities plc	15-Nov-2019 12:14:45	26	6824.0000	XLON	11503115000060606-E0gACozvaOBA20191115
J.P. Morgan Securities plc	15-Nov-2019 12:14:45	40	6824.0000	XLON	11503115000060606-E0gACozvaOBE20191115
J.P. Morgan Securities plc	15-Nov-2019 12:15:03	74	6824.0000	XLON	11503115000060646-E0gACozvaORz20191115
J.P. Morgan Securities plc	15-Nov-2019 12:17:45	33	6828.0000	XLON	11503115000061136-E0gACozvaQJF20191115
J.P. Morgan Securities plc	15-Nov-2019 12:18:07	7	6828.0000	XLON	11503115000061136-E0gACozvaQcw20191115

J.P. Morgan Securities plc	15-Nov-2019 12:18:28	112	6826.0000	XLON	11503115000061254-E0gACozvaQwx20191115
J.P. Morgan Securities plc	15-Nov-2019 12:18:28	75	6826.0000	XLON	11503115000061254-E0gACozvaQwz20191115
J.P. Morgan Securities plc	15-Nov-2019 12:18:28	55	6826.0000	XLON	11503115000061254-E0gACozvaQx120191115
J.P. Morgan Securities plc	15-Nov-2019 12:20:13	40	6828.0000	XLON	01503015000061662-E0gACozvaS5m20191115
J.P. Morgan Securities plc	15-Nov-2019 12:21:55	58	6832.0000	XLON	11503115000061889-E0gACozvaTeK20191115
J.P. Morgan Securities plc	15-Nov-2019 12:22:12	57	6832.0000	XLON	01503015000062004-E0gACozvaTt220191115
J.P. Morgan Securities plc	15-Nov-2019 12:22:12	29	6832.0000	XLON	01503015000062004-E0gACozvaTt020191115
J.P. Morgan Securities plc	15-Nov-2019 12:24:20	90	6834.0000	XLON	11503115000062076-E0gACozvaVt420191115
J.P. Morgan Securities plc	15-Nov-2019 12:26:45	125	6836.0000	XLON	11503115000062589-E0gACozvaXxt20191115
J.P. Morgan Securities plc	15-Nov-2019 12:28:18	32	6838.0000	XLON	01503015000062816-E0gACozvaYLI20191115
J.P. Morgan Securities plc	15-Nov-2019 12:28:18	11	6838.0000	XLON	01503015000062816-E0gACozvaYLj20191115
J.P. Morgan Securities plc	15-Nov-2019 12:28:27	43	6836.0000	XLON	11503115000062688-E0gACozvaYPa20191115
J.P. Morgan Securities plc	15-Nov-2019 12:29:14	103	6834.0000	XLON	11503115000062911-E0gACozvaYve20191115
J.P. Morgan Securities plc	15-Nov-2019 12:30:57	86	6838.0000	XLON	11503115000063218-E0gACozvaaBI20191115
J.P. Morgan Securities plc	15-Nov-2019 12:33:13	21	6842.0000	XLON	01503015000063679-E0gACozvaboc20191115
J.P. Morgan Securities plc	15-Nov-2019 12:33:13	92	6842.0000	XLON	01503015000063679-E0gACozvaboZ20191115
J.P. Morgan Securities plc	15-Nov-2019 12:33:45	100	6840.0000	XLON	01503015000063596-E0gACozvac5L20191115
J.P. Morgan Securities plc	15-Nov-2019 12:33:45	13	6840.0000	XLON	01503015000063596-E0gACozvac5X20191115
J.P. Morgan Securities plc	15-Nov-2019 12:35:40	43	6836.0000	XLON	11503115000063978-E0gACozvadiB20191115
J.P. Morgan Securities plc	15-Nov-2019 12:35:52	43	6834.0000	XLON	01503015000064023-E0gACozvadxA20191115
J.P. Morgan Securities plc	15-Nov-2019 12:37:53	203	6836.0000	XLON	11503115000064333-E0gACozvaf9r20191115
J.P. Morgan Securities plc	15-Nov-2019 12:40:47	38	6844.0000	XLON	01503015000065007-E0gACozvahdC20191115
J.P. Morgan Securities plc	15-Nov-2019 12:40:47	118	6844.0000	XLON	11503115000064886-E0gACozvahdA20191115
J.P. Morgan Securities plc	15-Nov-2019 12:40:47	80	6844.0000	XLON	01503015000064968-E0gACozvahd820191115
J.P. Morgan Securities plc	15-Nov-2019 12:42:16	51	6842.0000	XLON	11503115000065236-E0gACozvajX20191115
J.P. Morgan Securities plc	15-Nov-2019 12:44:17	17	6842.0000	XLON	01503015000065606-E0gACozvakDw20191115
J.P. Morgan Securities plc	15-Nov-2019 12:45:12	16	6844.0000	XLON	01503015000065764-E0gACozvakkK20191115
J.P. Morgan Securities plc	15-Nov-2019 12:45:12	134	6844.0000	XLON	11503115000065714-E0gACozvakkM20191115
J.P. Morgan Securities plc	15-Nov-2019 12:45:12	116	6844.0000	XLON	01503015000065670-E0gACozvakk720191115
J.P. Morgan Securities plc	15-Nov-2019 12:45:12	71	6844.0000	XLON	11503115000065669-E0gACozvakkF20191115
J.P. Morgan Securities plc	15-Nov-2019 12:45:12	29	6844.0000	XLON	11503115000065669-E0gACozvakkI20191115
J.P. Morgan Securities plc	15-Nov-2019 12:45:12	65	6844.0000	XLON	01503015000065723-E0gACozvakkD20191115
J.P. Morgan Securities plc	15-Nov-2019 12:48:29	3	6846.0000	XLON	01503015000066385-E0gACozvamtx20191115
J.P. Morgan Securities plc	15-Nov-2019 12:48:29	36	6846.0000	XLON	01503015000066385-E0gACozvamtv20191115
J.P. Morgan Securities plc	15-Nov-2019 12:48:56	12	6846.0000	XLON	11503115000066377-E0gACozvan4X20191115
J.P. Morgan Securities plc	15-Nov-2019 12:48:56	29	6846.0000	XLON	11503115000066377-E0gACozvan4V20191115
J.P. Morgan Securities plc	15-Nov-2019 12:55:08	56	6850.0000	XLON	11503115000067645-E0gACozvarIs20191115
J.P. Morgan Securities plc	15-Nov-2019 12:55:08	40	6850.0000	XLON	11503115000067645-E0gACozvarlu20191115
J.P. Morgan Securities plc	15-Nov-2019 12:55:10	185	6850.0000	XLON	01503015000067703-E0gACozvarKE20191115
J.P. Morgan Securities plc	15-Nov-2019 12:56:50	54	6848.0000	XLON	01503015000067998-E0gACozvas9o20191115
J.P. Morgan Securities plc	15-Nov-2019 13:00:08	49	6852.0000	XLON	01503015000068587-E0gACozvauI20191115
J.P. Morgan Securities plc	15-Nov-2019 13:00:08	22	6852.0000	XLON	11503115000068531-E0gACozvauII20191115
J.P. Morgan Securities plc	15-Nov-2019 13:00:08	7	6852.0000	XLON	01503015000068587-E0gACozvauIX20191115
J.P. Morgan Securities plc	15-Nov-2019 13:00:08	45	6852.0000	XLON	01503015000068588-E0gACozvauik20191115
J.P. Morgan Securities plc	15-Nov-2019 13:00:08	32	6852.0000	XLON	11503115000068531-E0gACozvauie20191115
J.P. Morgan Securities plc	15-Nov-2019 13:00:37	30	6854.0000	XLON	01503015000068699-E0gACozvav7M20191115
J.P. Morgan Securities plc	15-Nov-2019 13:00:37	55	6854.0000	XLON	01503015000068699-E0gACozvav7O20191115
J.P. Morgan Securities plc	15-Nov-2019 13:03:16	25	6854.0000	XLON	01503015000069187-E0gACozvax0D20191115
J.P. Morgan Securities plc	15-Nov-2019 13:03:26	159	6854.0000	XLON	11503115000069129-E0gACozvax9320191115
J.P. Morgan Securities plc	15-Nov-2019 13:04:56	79	6848.0000	XLON	01503015000069429-E0gACozvayMR20191115
J.P. Morgan Securities plc	15-Nov-2019 13:11:18	7	6852.0000	XLON	01503015000070555-E0gACozvb27U20191115
J.P. Morgan Securities plc	15-Nov-2019 13:11:18	41	6852.0000	XLON	01503015000070521-E0gACozvb27M20191115
J.P. Morgan Securities plc	15-Nov-2019 13:11:18	47	6852.0000	XLON	11503115000070481-E0gACozvb27S20191115
J.P. Morgan Securities plc	15-Nov-2019 13:11:18	41	6852.0000	XLON	11503115000070474-E0gACozvb27O20191115
J.P. Morgan Securities plc	15-Nov-2019 13:11:18	1	6852.0000	XLON	01503015000070546-E0gACozvb27Q20191115
J.P. Morgan Securities plc	15-Nov-2019 13:11:18	44	6852.0000	XLON	11503115000070516-E0gACozvb27W20191115
J.P. Morgan Securities plc	15-Nov-2019 13:11:18	40	6852.0000	XLON	11503115000070110-E0gACozvb27I20191115
J.P. Morgan Securities plc	15-Nov-2019 13:11:18	40	6852.0000	XLON	01503015000070491-E0gACozvb27K20191115
J.P. Morgan Securities plc	15-Nov-2019 13:11:59	31	6846.0000	XLON	01503015000070687-E0gACozvb2T920191115
J.P. Morgan Securities plc	15-Nov-2019 13:11:59	63	6846.0000	XLON	01503015000070687-E0gACozvb2T520191115
J.P. Morgan Securities plc	15-Nov-2019 13:11:59	75	6846.0000	XLON	01503015000070687-E0gACozvb2T720191115
J.P. Morgan Securities plc	15-Nov-2019 13:12:51	132	6846.0000	XLON	11503115000070803-E0gACozvb34m20191115
J.P. Morgan Securities plc	15-Nov-2019 13:15:54	97	6848.0000	XLON	11503115000071247-E0gACozvb52N20191115
J.P. Morgan Securities plc	15-Nov-2019 13:15:54	38	6848.0000	XLON	01503015000071321-E0gACozvb52P20191115
J.P. Morgan Securities plc	15-Nov-2019 13:18:29	66	6848.0000	XLON	11503115000071538-E0gACozvb6fD20191115
J.P. Morgan Securities plc	15-Nov-2019 13:18:29	67	6848.0000	XLON	01503015000071782-E0gACozvb6fH20191115
J.P. Morgan Securities plc	15-Nov-2019 13:18:29	40	6848.0000	XLON	11503115000071597-E0gACozvb6fF20191115
J.P. Morgan Securities plc	15-Nov-2019 13:18:29	12	6848.0000	XLON	11503115000071538-E0gACozvb6fB20191115
J.P. Morgan Securities plc	15-Nov-2019 13:20:47	131	6848.0000	XLON	01503015000072416-E0gACozvb8Zv20191115
J.P. Morgan Securities plc	15-Nov-2019 13:20:47	106	6848.0000	XLON	11503115000072338-E0gACozvb8Zt20191115
J.P. Morgan Securities plc	15-Nov-2019 13:22:16	286	6848.0000	XLON	11503115000072551-E0gACozvb9eY20191115
J.P. Morgan Securities plc	15-Nov-2019 13:25:20	49	6848.0000	XLON	11503115000072903-E0gACozvbBQ920191115
J.P. Morgan Securities plc	15-Nov-2019 13:25:20	245	6848.0000	XLON	11503115000072856-E0gACozvbBQ320191115
J.P. Morgan Securities plc	15-Nov-2019 13:25:20	48	6848.0000	XLON	11503115000072856-E0gACozvbBQ520191115
J.P. Morgan Securities plc	15-Nov-2019 13:25:20	9	6848.0000	XLON	01503015000073043-E0gACozvbBQD20191115
J.P. Morgan Securities plc	15-Nov-2019 13:25:20	17	6848.0000	XLON	01503015000073043-E0gACozvbBQB20191115
J.P. Morgan Securities plc	15-Nov-2019 13:30:07	9	6856.0000	XLON	01503015000073855-E0gACozvbFSx20191115
J.P. Morgan Securities plc	15-Nov-2019 13:30:07	33	6856.0000	XLON	11503115000073759-E0gACozvbFSz20191115
J.P. Morgan Securities plc	15-Nov-2019 13:30:07	66	6856.0000	XLON	11503115000073758-E0gACozvbFSa20191115

J.P. Morgan Securities plc	15-Nov-2019 13:30:07	52	6856.0000	XLON	01503015000073855-E0gACozvbFSf20191115
J.P. Morgan Securities plc	15-Nov-2019 13:30:07	26	6856.0000	XLON	11503115000073759-E0gACozvbFT120191115
J.P. Morgan Securities plc	15-Nov-2019 13:30:07	59	6856.0000	XLON	01503015000073856-E0gACozvbFT320191115
J.P. Morgan Securities plc	15-Nov-2019 13:35:23	39	6858.0000	XLON	11503115000074659-E0gACozvbJrZ20191115
J.P. Morgan Securities plc	15-Nov-2019 13:35:23	39	6858.0000	XLON	01503015000074711-E0gACozvbJrT20191115
J.P. Morgan Securities plc	15-Nov-2019 13:35:23	205	6858.0000	XLON	01503015000074761-E0gACozvbJrX20191115
J.P. Morgan Securities plc	15-Nov-2019 13:35:23	39	6858.0000	XLON	11503115000074658-E0gACozvbJrV20191115
J.P. Morgan Securities plc	15-Nov-2019 13:36:07	222	6858.0000	XLON	11503115000074684-E0gACozvbKfL20191115
J.P. Morgan Securities plc	15-Nov-2019 13:36:07	51	6858.0000	XLON	11503115000074673-E0gACozvbKfH20191115
J.P. Morgan Securities plc	15-Nov-2019 13:43:00	40	6868.0000	XLON	11503115000075749-E0gACozvbPMd20191115
J.P. Morgan Securities plc	15-Nov-2019 13:43:00	40	6868.0000	XLON	01503015000075843-E0gACozvbPMb20191115
J.P. Morgan Securities plc	15-Nov-2019 13:43:00	24	6868.0000	XLON	11503115000075747-E0gACozvbPMZ20191115
J.P. Morgan Securities plc	15-Nov-2019 13:43:00	39	6868.0000	XLON	01503015000075844-E0gACozvbPMf20191115
J.P. Morgan Securities plc	15-Nov-2019 13:43:00	46	6868.0000	XLON	01503015000075841-E0gACozvbPMV20191115
J.P. Morgan Securities plc	15-Nov-2019 13:43:00	51	6868.0000	XLON	11503115000075746-E0gACozvbPMT20191115
J.P. Morgan Securities plc	15-Nov-2019 13:43:00	21	6868.0000	XLON	11503115000075747-E0gACozvbPMX20191115
J.P. Morgan Securities plc	15-Nov-2019 13:43:01	93	6868.0000	XLON	01503015000075943-E0gACozvbPNI20191115
J.P. Morgan Securities plc	15-Nov-2019 13:43:01	75	6868.0000	XLON	01503015000075943-E0gACozvbPNn20191115
J.P. Morgan Securities plc	15-Nov-2019 13:43:01	57	6868.0000	XLON	01503015000075943-E0gACozvbPNp20191115
J.P. Morgan Securities plc	15-Nov-2019 13:43:02	75	6866.0000	XLON	11503115000075853-E0gACozvbPOf20191115
J.P. Morgan Securities plc	15-Nov-2019 13:43:02	57	6866.0000	XLON	11503115000075853-E0gACozvbPOh20191115
J.P. Morgan Securities plc	15-Nov-2019 13:43:22	97	6866.0000	XLON	01503015000075969-E0gACozvbPXt20191115
J.P. Morgan Securities plc	15-Nov-2019 13:45:59	31	6870.0000	XLON	11503115000076414-E0gACozvbRbx20191115
J.P. Morgan Securities plc	15-Nov-2019 13:46:11	163	6872.0000	XLON	01503015000076600-E0gACozvbRje20191115
J.P. Morgan Securities plc	15-Nov-2019 13:46:11	9	6872.0000	XLON	01503015000076600-E0gACozvbRjg20191115
J.P. Morgan Securities plc	15-Nov-2019 13:46:11	11	6872.0000	XLON	01503015000076600-E0gACozvbRjc20191115
J.P. Morgan Securities plc	15-Nov-2019 13:46:11	45	6872.0000	XLON	01503015000076600-E0gACozvbRja20191115
J.P. Morgan Securities plc	15-Nov-2019 13:46:26	158	6870.0000	XLON	11503115000076514-E0gACozvbRpP20191115
J.P. Morgan Securities plc	15-Nov-2019 13:47:16	75	6870.0000	XLON	01503015000076724-E0gACozvbSDw20191115
J.P. Morgan Securities plc	15-Nov-2019 13:47:16	21	6870.0000	XLON	01503015000076724-E0gACozvbSDy20191115
J.P. Morgan Securities plc	15-Nov-2019 13:48:56	14	6874.0000	XLON	11503115000076868-E0gACozvbTU520191115
J.P. Morgan Securities plc	15-Nov-2019 13:48:56	40	6874.0000	XLON	11503115000076868-E0gACozvbTU320191115
J.P. Morgan Securities plc	15-Nov-2019 13:49:31	8	6872.0000	XLON	11503115000076816-E0gACozvbTol20191115
J.P. Morgan Securities plc	15-Nov-2019 13:49:31	49	6872.0000	XLON	11503115000076816-E0gACozvbToo20191115
J.P. Morgan Securities plc	15-Nov-2019 13:50:54	40	6870.0000	XLON	11503115000077171-E0gACozvbUuQ20191115
J.P. Morgan Securities plc	15-Nov-2019 13:51:28	43	6868.0000	XLON	01503015000077209-E0gACozvbVX720191115
J.P. Morgan Securities plc	15-Nov-2019 13:52:16	58	6868.0000	XLON	11503115000077346-E0gACozvbWAO20191115
J.P. Morgan Securities plc	15-Nov-2019 13:52:16	22	6868.0000	XLON	11503115000077346-E0gACozvbWAM20191115
J.P. Morgan Securities plc	15-Nov-2019 13:52:16	38	6868.0000	XLON	11503115000077346-E0gACozvbWAK20191115
J.P. Morgan Securities plc	15-Nov-2019 13:52:16	19	6868.0000	XLON	11503115000077346-E0gACozvbWAI20191115
J.P. Morgan Securities plc	15-Nov-2019 13:54:55	12	6876.0000	XLON	01503015000077822-E0gACozvbXhb20191115
J.P. Morgan Securities plc	15-Nov-2019 13:54:55	65	6876.0000	XLON	01503015000077822-E0gACozvbXhd20191115
J.P. Morgan Securities plc	15-Nov-2019 13:55:12	74	6876.0000	XLON	01503015000077859-E0gACozvbXtk20191115
J.P. Morgan Securities plc	15-Nov-2019 13:57:16	55	6872.0000	XLON	11503115000078041-E0gACozvbZbR20191115
J.P. Morgan Securities plc	15-Nov-2019 13:58:00	29	6872.0000	XLON	01503015000078230-E0gACozvba2E20191115
J.P. Morgan Securities plc	15-Nov-2019 13:58:00	58	6872.0000	XLON	01503015000078230-E0gACozvba2C20191115
J.P. Morgan Securities plc	15-Nov-2019 13:58:00	14	6872.0000	XLON	01503015000078230-E0gACozvba2K20191115
J.P. Morgan Securities plc	15-Nov-2019 13:58:00	59	6872.0000	XLON	01503015000078230-E0gACozvba2I20191115
J.P. Morgan Securities plc	15-Nov-2019 13:58:00	35	6872.0000	XLON	01503015000078230-E0gACozvba2G20191115
J.P. Morgan Securities plc	15-Nov-2019 13:59:44	91	6872.0000	XLON	11503115000078358-E0gACozvbblV20191115
J.P. Morgan Securities plc	15-Nov-2019 14:01:20	43	6872.0000	XLON	01503015000078762-E0gACozvbdDB20191115
J.P. Morgan Securities plc	15-Nov-2019 14:02:16	19	6872.0000	XLON	11503115000078846-E0gACozvbdzX20191115
J.P. Morgan Securities plc	15-Nov-2019 14:02:33	26	6872.0000	XLON	01503015000079017-E0gACozvbeCP20191115
J.P. Morgan Securities plc	15-Nov-2019 14:02:37	23	6872.0000	XLON	01503015000079026-E0gACozvbeHy20191115
J.P. Morgan Securities plc	15-Nov-2019 14:02:37	46	6872.0000	XLON	01503015000079026-E0gACozvbel020191115
J.P. Morgan Securities plc	15-Nov-2019 14:02:37	62	6872.0000	XLON	01503015000079026-E0gACozvbel220191115
J.P. Morgan Securities plc	15-Nov-2019 14:02:51	70	6870.0000	XLON	11503115000078130-E0gACozvbecZ20191115
J.P. Morgan Securities plc	15-Nov-2019 14:02:51	53	6870.0000	XLON	01503015000078967-E0gACozvbech20191115
J.P. Morgan Securities plc	15-Nov-2019 14:03:29	114	6866.0000	XLON	11503115000078902-E0gACozvbfJh20191115
J.P. Morgan Securities plc	15-Nov-2019 14:04:13	11	6866.0000	XLON	01503015000079255-E0gACozvbfog20191115
J.P. Morgan Securities plc	15-Nov-2019 14:04:13	36	6866.0000	XLON	01503015000079255-E0gACozvbfok20191115
J.P. Morgan Securities plc	15-Nov-2019 14:04:13	75	6866.0000	XLON	01503015000079255-E0gACozvbfom20191115
J.P. Morgan Securities plc	15-Nov-2019 14:04:13	41	6866.0000	XLON	01503015000079255-E0gACozvbfoi20191115
J.P. Morgan Securities plc	15-Nov-2019 14:04:13	30	6866.0000	XLON	01503015000079255-E0gACozvbfoe20191115
J.P. Morgan Securities plc	15-Nov-2019 14:05:53	47	6866.0000	XLON	01503015000079543-E0gACozvbhhl20191115
J.P. Morgan Securities plc	15-Nov-2019 14:05:53	75	6866.0000	XLON	01503015000079543-E0gACozvbhhG20191115
J.P. Morgan Securities plc	15-Nov-2019 14:05:53	34	6866.0000	XLON	01503015000079543-E0gACozvbhhE20191115
J.P. Morgan Securities plc	15-Nov-2019 14:05:58	143	6864.0000	XLON	11503115000079157-E0gACozvbhshq20191115
J.P. Morgan Securities plc	15-Nov-2019 14:08:09	75	6854.0000	XLON	01503015000079888-E0gACozvbncN20191115
J.P. Morgan Securities plc	15-Nov-2019 14:08:09	45	6856.0000	XLON	11503115000079839-E0gACozvbncL20191115
J.P. Morgan Securities plc	15-Nov-2019 14:10:00	30	6848.0000	XLON	01503015000080285-E0gACozvbrLo20191115
J.P. Morgan Securities plc	15-Nov-2019 14:10:00	98	6848.0000	XLON	01503015000080285-E0gACozvbrLi20191115
J.P. Morgan Securities plc	15-Nov-2019 14:11:00	62	6842.0000	XLON	11503115000080142-E0gACozvbuRW20191115
J.P. Morgan Securities plc	15-Nov-2019 14:14:03	25	6854.0000	XLON	01503015000081429-E0gACozvzbzf20191115
J.P. Morgan Securities plc	15-Nov-2019 14:14:16	26	6854.0000	XLON	01503015000081429-E0gACozvzbzin20191115
J.P. Morgan Securities plc	15-Nov-2019 14:15:00	39	6852.0000	XLON	01503015000081431-E0gACozvc0ly20191115
J.P. Morgan Securities plc	15-Nov-2019 14:16:29	75	6856.0000	XLON	01503015000081965-E0gACozvc3LC20191115
J.P. Morgan Securities plc	15-Nov-2019 14:16:29	32	6856.0000	XLON	01503015000081965-E0gACozvc3LE20191115
J.P. Morgan Securities plc	15-Nov-2019 14:16:30	10	6854.0000	XLON	11503115000081876-E0gACozvc3Lc20191115

J.P. Morgan Securities plc	15-Nov-2019 14:19:36	31	6862.0000	XLON	01503015000082609-E0gACozvc6tG20191115
J.P. Morgan Securities plc	15-Nov-2019 14:19:36	43	6862.0000	XLON	01503015000082609-E0gACozvc6tE20191115
J.P. Morgan Securities plc	15-Nov-2019 14:19:36	12	6862.0000	XLON	01503015000082609-E0gACozvc6tC20191115
J.P. Morgan Securities plc	15-Nov-2019 14:19:53	75	6862.0000	XLON	01503015000082649-E0gACozvc7Dp20191115
J.P. Morgan Securities plc	15-Nov-2019 14:19:53	52	6862.0000	XLON	01503015000082649-E0gACozvc7Dr20191115
J.P. Morgan Securities plc	15-Nov-2019 14:20:01	39	6862.0000	XLON	01503015000082669-E0gACozvc7Ok20191115
J.P. Morgan Securities plc	15-Nov-2019 14:20:07	229	6860.0000	XLON	01503015000082565-E0gACozvc7Wn20191115
J.P. Morgan Securities plc	15-Nov-2019 14:20:25	30	6858.0000	XLON	11503115000082555-E0gACozvc7xM20191115
J.P. Morgan Securities plc	15-Nov-2019 14:20:25	48	6858.0000	XLON	11503115000082555-E0gACozvc7xK20191115
J.P. Morgan Securities plc	15-Nov-2019 14:20:55	70	6854.0000	XLON	01503015000082740-E0gACozvc8Ze20191115
J.P. Morgan Securities plc	15-Nov-2019 14:22:16	156	6852.0000	XLON	11503115000083064-E0gACozvc9oC20191115
J.P. Morgan Securities plc	15-Nov-2019 14:22:16	92	6852.0000	XLON	11503115000083064-E0gACozvc9oA20191115
J.P. Morgan Securities plc	15-Nov-2019 14:22:16	75	6852.0000	XLON	11503115000083064-E0gACozvc9o820191115
J.P. Morgan Securities plc	15-Nov-2019 14:23:56	37	6852.0000	XLON	11503115000083347-E0gACozvcCEC20191115
J.P. Morgan Securities plc	15-Nov-2019 14:23:56	75	6852.0000	XLON	11503115000083347-E0gACozvcCEA20191115
J.P. Morgan Securities plc	15-Nov-2019 14:24:17	12	6852.0000	XLON	11503115000083407-E0gACozvcCgB20191115
J.P. Morgan Securities plc	15-Nov-2019 14:24:17	94	6852.0000	XLON	11503115000083407-E0gACozvcCgD20191115
J.P. Morgan Securities plc	15-Nov-2019 14:25:54	56	6852.0000	XLON	01503015000083890-E0gACozvcENE20191115
J.P. Morgan Securities plc	15-Nov-2019 14:25:54	59	6852.0000	XLON	01503015000083890-E0gACozvcENG20191115
J.P. Morgan Securities plc	15-Nov-2019 14:25:54	75	6852.0000	XLON	01503015000083890-E0gACozvcENC20191115
J.P. Morgan Securities plc	15-Nov-2019 14:26:30	75	6850.0000	XLON	11503115000083920-E0gACozvcEu820191115
J.P. Morgan Securities plc	15-Nov-2019 14:26:30	78	6850.0000	XLON	11503115000083920-E0gACozvcEuA20191115
J.P. Morgan Securities plc	15-Nov-2019 14:26:30	11	6850.0000	XLON	11503115000083920-E0gACozvcEul20191115
J.P. Morgan Securities plc	15-Nov-2019 14:27:37	50	6854.0000	XLON	11503115000084137-E0gACozvcG0I20191115
J.P. Morgan Securities plc	15-Nov-2019 14:27:37	59	6854.0000	XLON	11503115000084081-E0gACozvcG0C20191115
J.P. Morgan Securities plc	15-Nov-2019 14:29:13	8	6858.0000	XLON	01503015000084530-E0gACozvcHcx20191115
J.P. Morgan Securities plc	15-Nov-2019 14:29:34	75	6860.0000	XLON	01503015000084599-E0gACozvcIEK20191115
J.P. Morgan Securities plc	15-Nov-2019 14:29:37	2	6860.0000	XLON	01503015000084599-E0gACozvcIjq20191115
J.P. Morgan Securities plc	15-Nov-2019 14:34:03	50	6864.0000	XLON	11503115000085502-E0gACozvcOk420191115
J.P. Morgan Securities plc	15-Nov-2019 14:34:03	1	6864.0000	XLON	11503115000085502-E0gACozvcOk220191115
J.P. Morgan Securities plc	15-Nov-2019 14:34:03	72	6864.0000	XLON	11503115000085303-E0gACozvcOjy20191115
J.P. Morgan Securities plc	15-Nov-2019 14:35:08	38	6864.0000	XLON	11503115000085760-E0gACozvcQoP20191115
J.P. Morgan Securities plc	15-Nov-2019 14:35:28	49	6866.0000	XLON	11503115000085839-E0gACozvcR9Z20191115
J.P. Morgan Securities plc	15-Nov-2019 14:35:28	40	6866.0000	XLON	11503115000085839-E0gACozvcR9X20191115
J.P. Morgan Securities plc	15-Nov-2019 14:35:28	11	6866.0000	XLON	11503115000085839-E0gACozvcR9b20191115
J.P. Morgan Securities plc	15-Nov-2019 14:35:28	57	6866.0000	XLON	11503115000085839-E0gACozvcR9f20191115
J.P. Morgan Securities plc	15-Nov-2019 14:35:28	46	6866.0000	XLON	11503115000085839-E0gACozvcR9d20191115
J.P. Morgan Securities plc	15-Nov-2019 14:35:28	19	6866.0000	XLON	11503115000085839-E0gACozvcR9V20191115
J.P. Morgan Securities plc	15-Nov-2019 14:37:01	29	6862.0000	XLON	11503115000086084-E0gACozvcSzT20191115
J.P. Morgan Securities plc	15-Nov-2019 14:37:01	143	6862.0000	XLON	11503115000086084-E0gACozvcSzR20191115
J.P. Morgan Securities plc	15-Nov-2019 14:37:52	144	6862.0000	XLON	01503015000086326-E0gACozvcTmg20191115
J.P. Morgan Securities plc	15-Nov-2019 14:38:44	147	6860.0000	XLON	01503015000086190-E0gACozvcUpz20191115
J.P. Morgan Securities plc	15-Nov-2019 14:38:57	105	6860.0000	XLON	01503015000086496-E0gACozvcVGJ20191115
J.P. Morgan Securities plc	15-Nov-2019 14:38:57	60	6860.0000	XLON	01503015000086496-E0gACozvcVGL20191115
J.P. Morgan Securities plc	15-Nov-2019 14:38:57	75	6860.0000	XLON	01503015000086496-E0gACozvcVGH20191115
J.P. Morgan Securities plc	15-Nov-2019 14:38:57	18	6860.0000	XLON	01503015000086496-E0gACozvcVGN20191115
J.P. Morgan Securities plc	15-Nov-2019 14:40:44	230	6862.0000	XLON	11503115000086813-E0gACozvcXPO20191115
J.P. Morgan Securities plc	15-Nov-2019 14:40:47	140	6862.0000	XLON	11503115000086813-E0gACozvcXVw20191115
J.P. Morgan Securities plc	15-Nov-2019 14:40:47	14	6862.0000	XLON	11503115000086813-E0gACozvcXVs20191115
J.P. Morgan Securities plc	15-Nov-2019 14:42:17	75	6864.0000	XLON	01503015000087356-E0gACozvcZ7220191115
J.P. Morgan Securities plc	15-Nov-2019 14:42:31	111	6864.0000	XLON	01503015000087407-E0gACozvcZKm20191115
J.P. Morgan Securities plc	15-Nov-2019 14:42:31	56	6864.0000	XLON	11503115000087288-E0gACozvcZKk20191115
J.P. Morgan Securities plc	15-Nov-2019 14:44:04	147	6862.0000	XLON	11503115000087648-E0gACozvcb7T20191115
J.P. Morgan Securities plc	15-Nov-2019 14:45:37	75	6862.0000	XLON	01503015000088045-E0gACozvccze20191115
J.P. Morgan Securities plc	15-Nov-2019 14:45:55	59	6862.0000	XLON	01503015000088096-E0gACozvcdeEa20191115
J.P. Morgan Securities plc	15-Nov-2019 14:47:17	75	6862.0000	XLON	11503115000088191-E0gACozvceml20191115
J.P. Morgan Securities plc	15-Nov-2019 14:47:51	198	6862.0000	XLON	01503015000088327-E0gACozvcfPM20191115
J.P. Morgan Securities plc	15-Nov-2019 14:48:57	66	6862.0000	XLON	01503015000088536-E0gACozvcglZ20191115
J.P. Morgan Securities plc	15-Nov-2019 14:50:00	75	6862.0000	XLON	01503015000088690-E0gACozvcin020191115
J.P. Morgan Securities plc	15-Nov-2019 14:50:18	52	6862.0000	XLON	01503015000088766-E0gACozvcjGI20191115
J.P. Morgan Securities plc	15-Nov-2019 14:50:37	32	6862.0000	XLON	11503115000088720-E0gACozvcjbx20191115
J.P. Morgan Securities plc	15-Nov-2019 14:50:37	33	6862.0000	XLON	11503115000088720-E0gACozvcjzb20191115
J.P. Morgan Securities plc	15-Nov-2019 14:50:38	215	6860.0000	XLON	11503115000087631-E0gACozvcjd220191115
J.P. Morgan Securities plc	15-Nov-2019 14:53:31	11	6874.0000	XLON	01503015000089235-E0gACozvcmnt20191115
J.P. Morgan Securities plc	15-Nov-2019 14:53:31	35	6874.0000	XLON	01503015000089235-E0gACozvcmnr20191115
J.P. Morgan Securities plc	15-Nov-2019 14:53:31	32	6874.0000	XLON	01503015000089235-E0gACozvcmpnp20191115
J.P. Morgan Securities plc	15-Nov-2019 14:55:26	168	6876.0000	XLON	01503015000089494-E0gACozvcpDz20191115
J.P. Morgan Securities plc	15-Nov-2019 14:56:34	54	6874.0000	XLON	11503115000089589-E0gACozvcqw20191115
J.P. Morgan Securities plc	15-Nov-2019 14:56:34	75	6874.0000	XLON	11503115000089589-E0gACozvcqwq20191115
J.P. Morgan Securities plc	15-Nov-2019 14:56:34	38	6874.0000	XLON	11503115000089589-E0gACozvcqws20191115
J.P. Morgan Securities plc	15-Nov-2019 14:57:46	9	6878.0000	XLON	11503115000089699-E0gACozvc8K20191115
J.P. Morgan Securities plc	15-Nov-2019 14:57:46	2	6878.0000	XLON	11503115000089699-E0gACozvc8O20191115
J.P. Morgan Securities plc	15-Nov-2019 14:57:46	40	6878.0000	XLON	11503115000089699-E0gACozvc8M20191115
J.P. Morgan Securities plc	15-Nov-2019 14:57:50	32	6878.0000	XLON	01503015000089781-E0gACozvc8Di20191115
J.P. Morgan Securities plc	15-Nov-2019 14:57:50	6	6878.0000	XLON	01503015000089781-E0gACozvc8Dg20191115
J.P. Morgan Securities plc	15-Nov-2019 14:57:50	46	6878.0000	XLON	01503015000089781-E0gACozvc8Dk20191115
J.P. Morgan Securities plc	15-Nov-2019 14:59:25	40	6878.0000	XLON	11503115000089947-E0gACozvcuQv20191115
J.P. Morgan Securities plc	15-Nov-2019 14:59:25	56	6878.0000	XLON	01503015000090016-E0gACozvcuQt20191115
J.P. Morgan Securities plc	15-Nov-2019 14:59:25	46	6878.0000	XLON	01503015000089989-E0gACozvcuQp20191115

J.P. Morgan Securities plc	15-Nov-2019 14:59:25	14	6878.0000	XLON	01503015000089947-E0gACozvcuQW20191115
J.P. Morgan Securities plc	15-Nov-2019 14:59:25	48	6878.0000	XLON	01503015000089995-E0gACozvcuQr20191115
J.P. Morgan Securities plc	15-Nov-2019 14:59:25	26	6878.0000	XLON	01503015000089947-E0gACozvcuQI20191115
J.P. Morgan Securities plc	15-Nov-2019 14:59:25	40	6878.0000	XLON	11503115000089919-E0gACozvcuQn20191115
J.P. Morgan Securities plc	15-Nov-2019 15:00:33	15	6878.0000	XLON	01503015000090141-E0gACozvcvq20191115
J.P. Morgan Securities plc	15-Nov-2019 15:00:37	75	6878.0000	XLON	01503015000090148-E0gACozvcw6G20191115
J.P. Morgan Securities plc	15-Nov-2019 15:00:42	75	6878.0000	XLON	01503015000090160-E0gACozvcwCV20191115
J.P. Morgan Securities plc	15-Nov-2019 15:01:17	136	6876.0000	XLON	11503115000090066-E0gACozvcx9a20191115
J.P. Morgan Securities plc	15-Nov-2019 15:02:17	172	6874.0000	XLON	11503115000090305-E0gACozvcyld20191115
J.P. Morgan Securities plc	15-Nov-2019 15:02:22	105	6870.0000	XLON	01503015000090410-E0gACozvcy120191115
J.P. Morgan Securities plc	15-Nov-2019 15:02:22	52	6872.0000	XLON	11503115000090139-E0gACozvcys120191115
J.P. Morgan Securities plc	15-Nov-2019 15:02:22	155	6872.0000	XLON	01503015000090392-E0gACozvcysC20191115
J.P. Morgan Securities plc	15-Nov-2019 15:07:01	46	6874.0000	XLON	11503115000090916-E0gACozvd57K20191115
J.P. Morgan Securities plc	15-Nov-2019 15:07:01	62	6874.0000	XLON	11503115000091087-E0gACozvd57O20191115
J.P. Morgan Securities plc	15-Nov-2019 15:07:01	251	6874.0000	XLON	11503115000090914-E0gACozvd57I20191115
J.P. Morgan Securities plc	15-Nov-2019 15:07:01	212	6874.0000	XLON	11503115000091087-E0gACozvd57M20191115
J.P. Morgan Securities plc	15-Nov-2019 15:07:21	20	6878.0000	XLON	01503015000091182-E0gACozvd5WR20191115
J.P. Morgan Securities plc	15-Nov-2019 15:07:21	13	6878.0000	XLON	01503015000091182-E0gACozvd5WT20191115
J.P. Morgan Securities plc	15-Nov-2019 15:07:21	31	6878.0000	XLON	01503015000091182-E0gACozvd5WV20191115
J.P. Morgan Securities plc	15-Nov-2019 15:07:24	56	6876.0000	XLON	11503115000091105-E0gACozvd5bU20191115
J.P. Morgan Securities plc	15-Nov-2019 15:09:12	55	6872.0000	XLON	01503015000091335-E0gACozvd7ML20191115
J.P. Morgan Securities plc	15-Nov-2019 15:13:21	167	6878.0000	XLON	11503115000092100-E0gACozvdDZ520191115
J.P. Morgan Securities plc	15-Nov-2019 15:13:21	75	6878.0000	XLON	11503115000092100-E0gACozvdDZ720191115
J.P. Morgan Securities plc	15-Nov-2019 15:13:22	75	6878.0000	XLON	01503015000092147-E0gACozvdDaP20191115
J.P. Morgan Securities plc	15-Nov-2019 15:13:22	33	6878.0000	XLON	01503015000092147-E0gACozvdDaN20191115
J.P. Morgan Securities plc	15-Nov-2019 15:13:23	12	6878.0000	XLON	11503115000092106-E0gACozvdDbr20191115
J.P. Morgan Securities plc	15-Nov-2019 15:13:23	75	6878.0000	XLON	11503115000092106-E0gACozvdDbp20191115
J.P. Morgan Securities plc	15-Nov-2019 15:13:33	261	6876.0000	XLON	01503015000092151-E0gACozvdDkM20191115
J.P. Morgan Securities plc	15-Nov-2019 15:13:33	125	6876.0000	XLON	01503015000092151-E0gACozvdDk420191115
J.P. Morgan Securities plc	15-Nov-2019 15:15:04	96	6878.0000	XLON	11503115000092300-E0gACozvdFu920191115
J.P. Morgan Securities plc	15-Nov-2019 15:16:40	71	6886.0000	XLON	01503015000092470-E0gACozvdIEN20191115
J.P. Morgan Securities plc	15-Nov-2019 15:17:36	87	6888.0000	XLON	11503115000092604-E0gACozvdJ5c20191115
J.P. Morgan Securities plc	15-Nov-2019 15:17:36	75	6888.0000	XLON	11503115000092604-E0gACozvdJ5a20191115
J.P. Morgan Securities plc	15-Nov-2019 15:18:45	46	6886.0000	XLON	11503115000092732-E0gACozvdKYY20191115
J.P. Morgan Securities plc	15-Nov-2019 15:18:45	80	6886.0000	XLON	11503115000092732-E0gACozvdKYW20191115
J.P. Morgan Securities plc	15-Nov-2019 15:18:45	23	6886.0000	XLON	11503115000092732-E0gACozvdKYU20191115
J.P. Morgan Securities plc	15-Nov-2019 15:19:48	13	6888.0000	XLON	01503015000092915-E0gACozvdLzJ20191115
J.P. Morgan Securities plc	15-Nov-2019 15:19:48	48	6888.0000	XLON	01503015000092915-E0gACozvdLzP20191115
J.P. Morgan Securities plc	15-Nov-2019 15:19:48	75	6888.0000	XLON	01503015000092915-E0gACozvdLzL20191115
J.P. Morgan Securities plc	15-Nov-2019 15:19:48	27	6888.0000	XLON	01503015000092915-E0gACozvdLzN20191115
J.P. Morgan Securities plc	15-Nov-2019 15:21:39	13	6896.0000	XLON	01503015000093181-E0gACozvdOTx20191115
J.P. Morgan Securities plc	15-Nov-2019 15:21:39	245	6896.0000	XLON	01503015000093181-E0gACozvdOTv20191115
J.P. Morgan Securities plc	15-Nov-2019 15:22:17	37	6894.0000	XLON	11503115000093189-E0gACozvdP6q20191115
J.P. Morgan Securities plc	15-Nov-2019 15:22:17	30	6894.0000	XLON	11503115000093189-E0gACozvdP6s20191115
J.P. Morgan Securities plc	15-Nov-2019 15:22:52	28	6894.0000	XLON	11503115000093246-E0gACozvdPjC20191115
J.P. Morgan Securities plc	15-Nov-2019 15:23:02	3	6894.0000	XLON	11503115000093246-E0gACozvdQ2R20191115
J.P. Morgan Securities plc	15-Nov-2019 15:23:27	107	6894.0000	XLON	11503115000093246-E0gACozvdQSS20191115
J.P. Morgan Securities plc	15-Nov-2019 15:23:30	29	6894.0000	XLON	11503115000093288-E0gACozvdQVP20191115
J.P. Morgan Securities plc	15-Nov-2019 15:23:30	110	6894.0000	XLON	11503115000093261-E0gACozvdQVJ20191115
J.P. Morgan Securities plc	15-Nov-2019 15:23:30	107	6894.0000	XLON	01503015000093357-E0gACozvdQVT20191115
J.P. Morgan Securities plc	15-Nov-2019 15:23:30	32	6894.0000	XLON	01503015000093322-E0gACozvdQVN20191115
J.P. Morgan Securities plc	15-Nov-2019 15:23:30	139	6894.0000	XLON	01503015000093315-E0gACozvdQVL20191115
J.P. Morgan Securities plc	15-Nov-2019 15:24:02	73	6888.0000	XLON	11503115000093398-E0gACozvdRc620191115
J.P. Morgan Securities plc	15-Nov-2019 15:24:02	143	6888.0000	XLON	11503115000093398-E0gACozvdRc420191115
J.P. Morgan Securities plc	15-Nov-2019 15:25:03	180	6886.0000	XLON	01503015000093440-E0gACozvdSqu20191115
J.P. Morgan Securities plc	15-Nov-2019 15:26:14	29	6884.0000	XLON	11503115000093647-E0gACozvdUTF20191115
J.P. Morgan Securities plc	15-Nov-2019 15:26:14	74	6884.0000	XLON	11503115000093647-E0gACozvdUTD20191115
J.P. Morgan Securities plc	15-Nov-2019 15:26:14	1	6884.0000	XLON	11503115000093647-E0gACozvdUTH20191115
J.P. Morgan Securities plc	15-Nov-2019 15:27:39	37	6884.0000	XLON	11503115000093799-E0gACozvdWOZ20191115
J.P. Morgan Securities plc	15-Nov-2019 15:27:42	145	6884.0000	XLON	11503115000093808-E0gACozvdWTn20191115
J.P. Morgan Securities plc	15-Nov-2019 15:29:17	169	6884.0000	XLON	01503015000093934-E0gACozvdY5F20191115
J.P. Morgan Securities plc	15-Nov-2019 15:29:17	42	6884.0000	XLON	11503115000093808-E0gACozvdY5720191115
J.P. Morgan Securities plc	15-Nov-2019 15:30:42	27	6884.0000	XLON	11503115000094110-E0gACozvdZxN20191115
J.P. Morgan Securities plc	15-Nov-2019 15:30:42	169	6884.0000	XLON	11503115000094110-E0gACozvdZxL20191115
J.P. Morgan Securities plc	15-Nov-2019 15:31:17	1	6882.0000	XLON	01503015000093610-E0gACozvdaWn20191115
J.P. Morgan Securities plc	15-Nov-2019 15:31:37	89	6882.0000	XLON	01503015000093610-E0gACozvdaxj20191115
J.P. Morgan Securities plc	15-Nov-2019 15:34:07	208	6882.0000	XLON	11503115000094430-E0gACozvdd6D20191115
J.P. Morgan Securities plc	15-Nov-2019 15:34:07	227	6882.0000	XLON	01503015000094321-E0gACozvdd5x20191115
J.P. Morgan Securities plc	15-Nov-2019 15:34:07	57	6882.0000	XLON	11503115000094333-E0gACozvdd5z20191115
J.P. Morgan Securities plc	15-Nov-2019 15:36:40	191	6886.0000	XLON	11503115000094713-E0gACozvdgFY20191115
J.P. Morgan Securities plc	15-Nov-2019 15:37:03	170	6884.0000	XLON	11503115000094717-E0gACozvdh0N20191115
J.P. Morgan Securities plc	15-Nov-2019 15:37:37	21	6886.0000	XLON	01503015000094922-E0gACozvdhvc20191115
J.P. Morgan Securities plc	15-Nov-2019 15:38:33	48	6886.0000	XLON	01503015000094943-E0gACozvdihh20191115
J.P. Morgan Securities plc	15-Nov-2019 15:40:38	66	6888.0000	XLON	01503015000095262-E0gACozvdksw20191115
J.P. Morgan Securities plc	15-Nov-2019 15:42:26	58	6894.0000	XLON	01503015000095536-E0gACozvdmIF20191115
J.P. Morgan Securities plc	15-Nov-2019 15:42:26	25	6894.0000	XLON	01503015000095536-E0gACozvdmIH20191115
J.P. Morgan Securities plc	15-Nov-2019 15:42:44	44	6896.0000	XLON	01503015000095563-E0gACozvdn4I20191115
J.P. Morgan Securities plc	15-Nov-2019 15:42:44	47	6896.0000	XLON	11503115000095537-E0gACozvdn4G20191115
J.P. Morgan Securities plc	15-Nov-2019 15:43:10	83	6892.0000	XLON	11503115000095539-E0gACozvdnRy20191115

J.P. Morgan Securities plc	15-Nov-2019 16:18:11	172	6910.0000	XLON	1150311500099980-E0gACozveTaq20191115
J.P. Morgan Securities plc	15-Nov-2019 16:19:33	51	6912.0000	XLON	01503015000100572-E0gACozveVpv20191115
J.P. Morgan Securities plc	15-Nov-2019 16:19:33	116	6912.0000	XLON	01503015000100572-E0gACozveVpt20191115
J.P. Morgan Securities plc	15-Nov-2019 16:19:33	60	6912.0000	XLON	01503015000100572-E0gACozveVpr20191115
J.P. Morgan Securities plc	15-Nov-2019 16:20:02	211	6910.0000	XLON	11503115000100433-E0gACozveWVO20191115
J.P. Morgan Securities plc	15-Nov-2019 16:23:19	121	6910.0000	XLON	01503015000101303-E0gACozveb1I20191115
J.P. Morgan Securities plc	15-Nov-2019 16:23:19	273	6910.0000	XLON	01503015000101180-E0gACozveb1820191115
J.P. Morgan Securities plc	15-Nov-2019 16:23:19	322	6910.0000	XLON	11503115000101213-E0gACozveb1E20191115
J.P. Morgan Securities plc	15-Nov-2019 16:23:19	99	6910.0000	XLON	11503115000101125-E0gACozveb1A20191115
J.P. Morgan Securities plc	15-Nov-2019 16:24:24	35	6912.0000	XLON	01503015000101553-E0gACozvedlu20191115
J.P. Morgan Securities plc	15-Nov-2019 16:24:24	38	6912.0000	XLON	01503015000101553-E0gACozvedlq20191115
J.P. Morgan Securities plc	15-Nov-2019 16:24:24	47	6912.0000	XLON	01503015000101553-E0gACozvedlo20191115
J.P. Morgan Securities plc	15-Nov-2019 16:24:24	67	6912.0000	XLON	01503015000101553-E0gACozvedls20191115
J.P. Morgan Securities plc	15-Nov-2019 16:25:44	52	6910.0000	XLON	01503015000101510-E0gACozvefV020191115
J.P. Morgan Securities plc	15-Nov-2019 16:25:44	105	6910.0000	XLON	01503015000101510-E0gACozvefV320191115
J.P. Morgan Securities plc	15-Nov-2019 16:25:48	8	6908.0000	XLON	11503115000101693-E0gACozvefbB20191115
J.P. Morgan Securities plc	15-Nov-2019 16:25:48	96	6908.0000	XLON	11503115000101693-E0gACozvefbK20191115
J.P. Morgan Securities plc	15-Nov-2019 16:29:40	8	6910.0000	XLON	01503015000102562-E0gACozvempp20191115
J.P. Morgan Securities plc	15-Nov-2019 16:29:40	38	6910.0000	XLON	01503015000102562-E0gACozvemph20191115
J.P. Morgan Securities plc	15-Nov-2019 16:29:40	32	6910.0000	XLON	01503015000102562-E0gACozvempl20191115
J.P. Morgan Securities plc	15-Nov-2019 16:29:40	91	6910.0000	XLON	01503015000102562-E0gACozvempf20191115
J.P. Morgan Securities plc	15-Nov-2019 16:29:40	38	6910.0000	XLON	01503015000102562-E0gACozvempj20191115
J.P. Morgan Securities plc	15-Nov-2019 16:29:40	75	6910.0000	XLON	01503015000102562-E0gACozvempr20191115
J.P. Morgan Securities plc	15-Nov-2019 16:29:56	167	6910.0000	XLON	01503015000102616-E0gACozvenUa20191115
J.P. Morgan Securities plc	15-Nov-2019 16:29:56	130	6910.0000	XLON	01503015000102616-E0gACozvenUW20191115
J.P. Morgan Securities plc	15-Nov-2019 16:29:56	2	6910.0000	XLON	01503015000102616-E0gACozvenUY20191115