

Broker	Transaction Date and Time	Volume	Price (GBP)	Platform	Transaction Reference Number
J.P. Morgan Securities plc	10-Oct-2019 08:02:01	11	6372.0000	XLON	11502115000002276-E0fk4PTWsSY920191010
J.P. Morgan Securities plc	10-Oct-2019 08:02:01	19	6372.0000	XLON	01502015000002125-E0fk4PTWsSY720191010
J.P. Morgan Securities plc	10-Oct-2019 08:02:01	56	6374.0000	XLON	11502115000001868-E0fk4PTWsSXw20191010
J.P. Morgan Securities plc	10-Oct-2019 08:04:46	3	6358.0000	XLON	11502115000002872-E0fk4PTWsVw420191010
J.P. Morgan Securities plc	10-Oct-2019 08:06:16	164	6386.0000	XLON	11502115000003564-E0fk4PTWsZkp20191010
J.P. Morgan Securities plc	10-Oct-2019 08:07:37	117	6388.0000	XLON	11502115000004195-E0fk4PTWsdZr20191010
J.P. Morgan Securities plc	10-Oct-2019 08:09:03	117	6380.0000	XLON	11502115000004736-E0fk4PTWsiPX20191010
J.P. Morgan Securities plc	10-Oct-2019 08:10:30	75	6374.0000	XLON	01502015000005254-E0fk4PTWsm0020191010
J.P. Morgan Securities plc	10-Oct-2019 08:10:30	4	6374.0000	XLON	01502015000005254-E0fk4PTWsm0620191010
J.P. Morgan Securities plc	10-Oct-2019 08:10:30	21	6374.0000	XLON	01502015000005254-E0fk4PTWsm0420191010
J.P. Morgan Securities plc	10-Oct-2019 08:10:30	18	6374.0000	XLON	01502015000005254-E0fk4PTWsm0220191010
J.P. Morgan Securities plc	10-Oct-2019 08:12:48	41	6368.0000	XLON	11502115000006318-E0fk4PTWsrFG20191010
J.P. Morgan Securities plc	10-Oct-2019 08:12:48	50	6368.0000	XLON	01502015000006290-E0fk4PTWsrFE20191010
J.P. Morgan Securities plc	10-Oct-2019 08:12:48	145	6368.0000	XLON	11502115000006319-E0fk4PTWsrFK20191010
J.P. Morgan Securities plc	10-Oct-2019 08:13:34	136	6366.0000	XLON	01502015000006188-E0fk4PTWsslq20191010
J.P. Morgan Securities plc	10-Oct-2019 08:15:59	102	6366.0000	XLON	11502115000007345-E0fk4PTWsxIP20191010
J.P. Morgan Securities plc	10-Oct-2019 08:15:59	30	6366.0000	XLON	11502115000007345-E0fk4PTWsxIN20191010
J.P. Morgan Securities plc	10-Oct-2019 08:16:43	106	6360.0000	XLON	01502015000007288-E0fk4PTWszAX20191010
J.P. Morgan Securities plc	10-Oct-2019 08:16:55	9	6356.0000	XLON	01502015000006684-E0fk4PTWszwj20191010
J.P. Morgan Securities plc	10-Oct-2019 08:16:55	37	6356.0000	XLON	01502015000006684-E0fk4PTWszwm20191010
J.P. Morgan Securities plc	10-Oct-2019 08:18:19	28	6352.0000	XLON	01502015000007414-E0fk4PTWt2tb20191010
J.P. Morgan Securities plc	10-Oct-2019 08:21:33	85	6372.0000	XLON	11502115000009317-E0fk4PTWt8od20191010
J.P. Morgan Securities plc	10-Oct-2019 08:24:57	118	6356.0000	XLON	01502015000010487-E0fk4PTWtEMf20191010
J.P. Morgan Securities plc	10-Oct-2019 08:26:00	13	6352.0000	XLON	11502115000010728-E0fk4PTWtH7j20191010
J.P. Morgan Securities plc	10-Oct-2019 08:26:00	9	6352.0000	XLON	11502115000010728-E0fk4PTWtH7i20191010
J.P. Morgan Securities plc	10-Oct-2019 08:26:00	177	6352.0000	XLON	11502115000010728-E0fk4PTWtH7h20191010
J.P. Morgan Securities plc	10-Oct-2019 08:26:40	130	6350.0000	XLON	11502115000010471-E0fk4PTWtJ5420191010
J.P. Morgan Securities plc	10-Oct-2019 08:27:54	91	6352.0000	XLON	11502115000011608-E0fk4PTWtLZa20191010
J.P. Morgan Securities plc	10-Oct-2019 08:27:54	35	6352.0000	XLON	01502015000011619-E0fk4PTWtLZh20191010
J.P. Morgan Securities plc	10-Oct-2019 08:27:54	6	6352.0000	XLON	01502015000011619-E0fk4PTWtLZc20191010
J.P. Morgan Securities plc	10-Oct-2019 08:27:54	30	6352.0000	XLON	11502115000011667-E0fk4PTWtLZj20191010
J.P. Morgan Securities plc	10-Oct-2019 08:27:54	4	6352.0000	XLON	11502115000011667-E0fk4PTWtLZn20191010
J.P. Morgan Securities plc	10-Oct-2019 08:27:54	19	6352.0000	XLON	11502115000011667-E0fk4PTWtLZI20191010
J.P. Morgan Securities plc	10-Oct-2019 08:27:54	14	6352.0000	XLON	11502115000011608-E0fk4PTWtLZX20191010
J.P. Morgan Securities plc	10-Oct-2019 08:27:54	85	6352.0000	XLON	01502015000011680-E0fk4PTWtLZp20191010
J.P. Morgan Securities plc	10-Oct-2019 08:29:55	87	6346.0000	XLON	11502115000011668-E0fk4PTWtP8320191010
J.P. Morgan Securities plc	10-Oct-2019 08:34:00	44	6344.0000	XLON	11502115000014248-E0fk4PTWtYPs20191010
J.P. Morgan Securities plc	10-Oct-2019 08:34:00	73	6344.0000	XLON	01502015000014235-E0fk4PTWtYPp20191010
J.P. Morgan Securities plc	10-Oct-2019 08:35:24	143	6342.0000	XLON	01502015000014746-E0fk4PTWtanM20191010
J.P. Morgan Securities plc	10-Oct-2019 08:36:01	50	6346.0000	XLON	01502015000014799-E0fk4PTWtc2y20191010
J.P. Morgan Securities plc	10-Oct-2019 08:37:42	118	6354.0000	XLON	11502115000015653-E0fk4PTWtfoO20191010
J.P. Morgan Securities plc	10-Oct-2019 08:39:31	117	6354.0000	XLON	01502015000016088-E0fk4PTWti7q20191010
J.P. Morgan Securities plc	10-Oct-2019 08:45:06	65	6354.0000	XLON	01502015000017933-E0fk4PTWtrOG20191010
J.P. Morgan Securities plc	10-Oct-2019 08:45:06	6	6354.0000	XLON	01502015000017900-E0fk4PTWtrO620191010
J.P. Morgan Securities plc	10-Oct-2019 08:45:06	29	6354.0000	XLON	11502115000017916-E0fk4PTWtrOE20191010
J.P. Morgan Securities plc	10-Oct-2019 08:45:06	50	6354.0000	XLON	01502015000017900-E0fk4PTWtrO420191010
J.P. Morgan Securities plc	10-Oct-2019 08:45:06	17	6354.0000	XLON	01502015000017912-E0fk4PTWtrOA20191010
J.P. Morgan Securities plc	10-Oct-2019 08:45:06	5	6354.0000	XLON	01502015000018406-E0fk4PTWtrOM20191010
J.P. Morgan Securities plc	10-Oct-2019 08:45:06	19	6354.0000	XLON	11502115000018412-E0fk4PTWtrOQ20191010
J.P. Morgan Securities plc	10-Oct-2019 08:45:07	47	6354.0000	XLON	11502115000018392-E0fk4PTWtrOK20191010
J.P. Morgan Securities plc	10-Oct-2019 08:45:07	1	6354.0000	XLON	01502015000018417-E0fk4PTWtrOS20191010
J.P. Morgan Securities plc	10-Oct-2019 08:45:07	41	6354.0000	XLON	01502015000018372-E0fk4PTWtrOI20191010
J.P. Morgan Securities plc	10-Oct-2019 08:45:07	22	6354.0000	XLON	11502115000017916-E0fk4PTWtrOC20191010
J.P. Morgan Securities plc	10-Oct-2019 08:45:07	47	6354.0000	XLON	11502115000018414-E0fk4PTWtrOU20191010
J.P. Morgan Securities plc	10-Oct-2019 08:45:07	46	6354.0000	XLON	01502015000018407-E0fk4PTWtrOO20191010
J.P. Morgan Securities plc	10-Oct-2019 08:45:07	7	6354.0000	XLON	11502115000017894-E0fk4PTWtrO820191010
J.P. Morgan Securities plc	10-Oct-2019 08:47:28	78	6358.0000	XLON	01502015000019047-E0fk4PTWtv3j20191010
J.P. Morgan Securities plc	10-Oct-2019 08:47:28	8	6358.0000	XLON	01502015000019289-E0fk4PTWtv3p20191010
J.P. Morgan Securities plc	10-Oct-2019 08:47:28	62	6358.0000	XLON	01502015000019224-E0fk4PTWtv3l20191010
J.P. Morgan Securities plc	10-Oct-2019 08:47:28	47	6358.0000	XLON	11502115000019218-E0fk4PTWtv3n20191010
J.P. Morgan Securities plc	10-Oct-2019 08:52:58	249	6366.0000	XLON	11502115000021168-E0fk4PTWu2tX20191010
J.P. Morgan Securities plc	10-Oct-2019 08:58:55	48	6376.0000	XLON	11502115000022988-E0fk4PTWuCHN20191010
J.P. Morgan Securities plc	10-Oct-2019 08:58:55	55	6376.0000	XLON	01502015000023000-E0fk4PTWuCHL20191010
J.P. Morgan Securities plc	10-Oct-2019 08:58:55	47	6376.0000	XLON	01502015000023002-E0fk4PTWuCHP20191010
J.P. Morgan Securities plc	10-Oct-2019 08:58:55	41	6376.0000	XLON	01502015000023004-E0fk4PTWuCHT20191010
J.P. Morgan Securities plc	10-Oct-2019 08:58:55	42	6376.0000	XLON	11502115000022990-E0fk4PTWuCHR20191010
J.P. Morgan Securities plc	10-Oct-2019 08:59:41	75	6376.0000	XLON	11502115000023279-E0fk4PTWuDmX20191010
J.P. Morgan Securities plc	10-Oct-2019 08:59:41	22	6376.0000	XLON	11502115000023279-E0fk4PTWuDmZ20191010
J.P. Morgan Securities plc	10-Oct-2019 09:02:38	45	6378.0000	XLON	11502115000024259-E0fk4PTWuI7t20191010
J.P. Morgan Securities plc	10-Oct-2019 09:03:13	42	6376.0000	XLON	01502015000024126-E0fk4PTWuIn720191010
J.P. Morgan Securities plc	10-Oct-2019 09:04:07	286	6370.0000	XLON	11502115000024634-E0fk4PTWuJw320191010
J.P. Morgan Securities plc	10-Oct-2019 09:04:07	64	6370.0000	XLON	01502015000024679-E0fk4PTWuJw720191010
J.P. Morgan Securities plc	10-Oct-2019 09:04:07	146	6370.0000	XLON	11502115000024695-E0fk4PTWuJw520191010
J.P. Morgan Securities plc	10-Oct-2019 09:07:05	89	6362.0000	XLON	01502015000025157-E0fk4PTWuPfn20191010
J.P. Morgan Securities plc	10-Oct-2019 09:07:05	17	6362.0000	XLON	01502015000025157-E0fk4PTWuPj20191010
J.P. Morgan Securities plc	10-Oct-2019 09:13:47	21	6368.0000	XLON	11502115000026995-E0fk4PTWuY5v20191010
J.P. Morgan Securities plc	10-Oct-2019 09:13:47	96	6368.0000	XLON	11502115000026995-E0fk4PTWuY5t20191010
J.P. Morgan Securities plc	10-Oct-2019 09:15:05	117	6368.0000	XLON	11502115000027305-E0fk4PTWuZZ520191010

J.P. Morgan Securities plc	10-Oct-2019 09:16:51	42	6370.0000	XLON	01502015000027702-E0fk4PTWubLe20191010
J.P. Morgan Securities plc	10-Oct-2019 09:16:51	59	6370.0000	XLON	11502115000027588-E0fk4PTWubLa20191010
J.P. Morgan Securities plc	10-Oct-2019 09:16:51	62	6370.0000	XLON	01502015000027602-E0fk4PTWubLc20191010
J.P. Morgan Securities plc	10-Oct-2019 09:18:08	152	6368.0000	XLON	01502015000028093-E0fk4PTWue8m20191010
J.P. Morgan Securities plc	10-Oct-2019 09:22:01	41	6370.0000	XLON	01502015000028901-E0fk4PTWuj4h20191010
J.P. Morgan Securities plc	10-Oct-2019 09:22:01	125	6370.0000	XLON	11502115000028900-E0fk4PTWuj4f20191010
J.P. Morgan Securities plc	10-Oct-2019 09:22:01	243	6370.0000	XLON	01502015000028866-E0fk4PTWuj4d20191010
J.P. Morgan Securities plc	10-Oct-2019 09:24:27	23	6378.0000	XLON	11502115000029561-E0fk4PTWuntj20191010
J.P. Morgan Securities plc	10-Oct-2019 09:24:27	22	6378.0000	XLON	11502115000029561-E0fk4PTWuntl20191010
J.P. Morgan Securities plc	10-Oct-2019 09:26:11	20	6382.0000	XLON	11502115000029923-E0fk4PTWurAO20191010
J.P. Morgan Securities plc	10-Oct-2019 09:26:11	114	6382.0000	XLON	11502115000029923-E0fk4PTWurAR20191010
J.P. Morgan Securities plc	10-Oct-2019 09:26:11	42	6382.0000	XLON	11502115000030014-E0fk4PTWurAT20191010
J.P. Morgan Securities plc	10-Oct-2019 09:26:11	60	6382.0000	XLON	11502115000030014-E0fk4PTWurAV20191010
J.P. Morgan Securities plc	10-Oct-2019 09:28:10	42	6390.0000	XLON	11502115000030493-E0fk4PTWuuYb20191010
J.P. Morgan Securities plc	10-Oct-2019 09:29:19	63	6392.0000	XLON	11502115000030755-E0fk4PTWuvnU20191010
J.P. Morgan Securities plc	10-Oct-2019 09:29:19	42	6392.0000	XLON	01502015000030727-E0fk4PTWuvnS20191010
J.P. Morgan Securities plc	10-Oct-2019 09:31:19	22	6388.0000	XLON	01502015000031267-E0fk4PTWuyTc20191010
J.P. Morgan Securities plc	10-Oct-2019 09:31:19	45	6388.0000	XLON	01502015000031170-E0fk4PTWuyTa20191010
J.P. Morgan Securities plc	10-Oct-2019 09:32:59	194	6386.0000	XLON	01502015000031704-E0fk4PTWv0Xn20191010
J.P. Morgan Securities plc	10-Oct-2019 09:34:46	78	6384.0000	XLON	01502015000031860-E0fk4PTWv2wo20191010
J.P. Morgan Securities plc	10-Oct-2019 09:35:54	35	6382.0000	XLON	11502115000032249-E0fk4PTWv3nO20191010
J.P. Morgan Securities plc	10-Oct-2019 09:35:54	16	6382.0000	XLON	11502115000032249-E0fk4PTWv3nQ20191010
J.P. Morgan Securities plc	10-Oct-2019 09:35:54	16	6382.0000	XLON	11502115000032249-E0fk4PTWv3nT20191010
J.P. Morgan Securities plc	10-Oct-2019 09:35:54	32	6382.0000	XLON	11502115000032249-E0fk4PTWv3nM20191010
J.P. Morgan Securities plc	10-Oct-2019 09:36:01	89	6380.0000	XLON	01502015000032050-E0fk4PTWv3xy20191010
J.P. Morgan Securities plc	10-Oct-2019 09:37:47	50	6386.0000	XLON	01502015000032761-E0fk4PTWv66k20191010
J.P. Morgan Securities plc	10-Oct-2019 09:39:03	192	6386.0000	XLON	01502015000033042-E0fk4PTWv7Z320191010
J.P. Morgan Securities plc	10-Oct-2019 09:39:51	116	6384.0000	XLON	11502115000032917-E0fk4PTWv8GS20191010
J.P. Morgan Securities plc	10-Oct-2019 09:43:15	64	6388.0000	XLON	11502115000033991-E0fk4PTWvC4j20191010
J.P. Morgan Securities plc	10-Oct-2019 09:43:15	13	6388.0000	XLON	11502115000033940-E0fk4PTWvC4f20191010
J.P. Morgan Securities plc	10-Oct-2019 09:43:15	136	6388.0000	XLON	01502015000033938-E0fk4PTWvC4d20191010
J.P. Morgan Securities plc	10-Oct-2019 09:43:21	45	6388.0000	XLON	01502015000034059-E0fk4PTWvCF720191010
J.P. Morgan Securities plc	10-Oct-2019 09:44:55	3	6392.0000	XLON	01502015000034381-E0fk4PTWvDjS20191010
J.P. Morgan Securities plc	10-Oct-2019 09:44:55	45	6392.0000	XLON	01502015000034381-E0fk4PTWvDjU20191010
J.P. Morgan Securities plc	10-Oct-2019 09:47:54	117	6396.0000	XLON	01502015000034956-E0fk4PTWvFza20191010
J.P. Morgan Securities plc	10-Oct-2019 09:50:00	42	6402.0000	XLON	01502015000035314-E0fk4PTWvI6a20191010
J.P. Morgan Securities plc	10-Oct-2019 09:50:00	41	6402.0000	XLON	11502115000035241-E0fk4PTWvI6c20191010
J.P. Morgan Securities plc	10-Oct-2019 09:50:00	75	6402.0000	XLON	01502015000035313-E0fk4PTWvI6W20191010
J.P. Morgan Securities plc	10-Oct-2019 09:50:00	42	6402.0000	XLON	11502115000035240-E0fk4PTWvI6Y20191010
J.P. Morgan Securities plc	10-Oct-2019 09:53:07	60	6404.0000	XLON	01502015000035937-E0fk4PTWvLZX20191010
J.P. Morgan Securities plc	10-Oct-2019 09:53:08	11	6400.0000	XLON	11502115000035802-E0fk4PTWvLg520191010
J.P. Morgan Securities plc	10-Oct-2019 09:53:10	25	6400.0000	XLON	11502115000035802-E0fk4PTWvLhL20191010
J.P. Morgan Securities plc	10-Oct-2019 09:53:12	25	6400.0000	XLON	11502115000035802-E0fk4PTWvLic20191010
J.P. Morgan Securities plc	10-Oct-2019 09:53:12	52	6400.0000	XLON	11502115000035869-E0fk4PTWvLie20191010
J.P. Morgan Securities plc	10-Oct-2019 09:53:51	75	6394.0000	XLON	01502015000036079-E0fk4PTWvMQu20191010
J.P. Morgan Securities plc	10-Oct-2019 09:55:42	207	6393.0000	XLON	11502115000036474-E0fk4PTWvOsc20191010
J.P. Morgan Securities plc	10-Oct-2019 09:55:52	122	6392.0000	XLON	11502115000036046-E0fk4PTWvP2H20191010
J.P. Morgan Securities plc	10-Oct-2019 09:57:35	76	6388.0000	XLON	01502015000036269-E0fk4PTWvQsC20191010
J.P. Morgan Securities plc	10-Oct-2019 09:59:58	107	6388.0000	XLON	11502115000037108-E0fk4PTWvTNL20191010
J.P. Morgan Securities plc	10-Oct-2019 10:01:50	174	6390.0000	XLON	01502015000037704-E0fk4PTWvUum20191010
J.P. Morgan Securities plc	10-Oct-2019 10:04:18	69	6386.0000	XLON	11502115000037647-E0fk4PTWvXjT20191010
J.P. Morgan Securities plc	10-Oct-2019 10:04:18	85	6386.0000	XLON	11502115000037647-E0fk4PTWvXjR20191010
J.P. Morgan Securities plc	10-Oct-2019 10:06:32	212	6389.0000	XLON	01502015000038870-E0fk4PTWvZg420191010
J.P. Morgan Securities plc	10-Oct-2019 10:06:54	53	6388.0000	XLON	11502115000038823-E0fk4PTWvZwg20191010
J.P. Morgan Securities plc	10-Oct-2019 10:06:54	42	6388.0000	XLON	01502015000038834-E0fk4PTWvZwe20191010
J.P. Morgan Securities plc	10-Oct-2019 10:08:46	128	6386.0000	XLON	01502015000039411-E0fk4PTWvbkd20191010
J.P. Morgan Securities plc	10-Oct-2019 10:14:57	44	6392.0000	XLON	01502015000040583-E0fk4PTWvhWB20191010
J.P. Morgan Securities plc	10-Oct-2019 10:14:57	25	6392.0000	XLON	01502015000040588-E0fk4PTWvhWD20191010
J.P. Morgan Securities plc	10-Oct-2019 10:14:57	17	6392.0000	XLON	01502015000040597-E0fk4PTWvhWJ20191010
J.P. Morgan Securities plc	10-Oct-2019 10:14:57	27	6392.0000	XLON	01502015000040597-E0fk4PTWvhWF20191010
J.P. Morgan Securities plc	10-Oct-2019 10:15:42	53	6388.0000	XLON	01502015000041002-E0fk4PTWviEr20191010
J.P. Morgan Securities plc	10-Oct-2019 10:16:48	176	6388.0000	XLON	01502015000041288-E0fk4PTWvjSe20191010
J.P. Morgan Securities plc	10-Oct-2019 10:17:54	81	6386.0000	XLON	11502115000041258-E0fk4PTWvkR020191010
J.P. Morgan Securities plc	10-Oct-2019 10:18:28	235	6385.0000	XLON	11502115000041717-E0fk4PTWvl3L20191010
J.P. Morgan Securities plc	10-Oct-2019 10:18:34	121	6384.0000	XLON	01502015000041751-E0fk4PTWvl6520191010
J.P. Morgan Securities plc	10-Oct-2019 10:20:31	4	6380.0000	XLON	11502115000041484-E0fk4PTWvmnD20191010
J.P. Morgan Securities plc	10-Oct-2019 10:22:04	140	6382.0000	XLON	01502015000042560-E0fk4PTWvogB20191010
J.P. Morgan Securities plc	10-Oct-2019 10:22:31	146	6380.0000	XLON	01502015000042498-E0fk4PTWvpeJ20191010
J.P. Morgan Securities plc	10-Oct-2019 10:24:41	158	6376.0000	XLON	11502115000042931-E0fk4PTWvrdj20191010
J.P. Morgan Securities plc	10-Oct-2019 10:28:12	185	6364.0000	XLON	01502015000043465-E0fk4PTWvw8h20191010
J.P. Morgan Securities plc	10-Oct-2019 10:28:13	183	6362.0000	XLON	11502115000043946-E0fk4PTWvwCD20191010
J.P. Morgan Securities plc	10-Oct-2019 10:34:18	117	6366.0000	XLON	11502115000045019-E0fk4PTWw3FA20191010
J.P. Morgan Securities plc	10-Oct-2019 10:36:00	27	6372.0000	XLON	01502015000045252-E0fk4PTWw4kA20191010
J.P. Morgan Securities plc	10-Oct-2019 10:36:00	30	6372.0000	XLON	01502015000045252-E0fk4PTWw4k820191010
J.P. Morgan Securities plc	10-Oct-2019 10:36:00	45	6372.0000	XLON	11502115000045211-E0fk4PTWw4kC20191010
J.P. Morgan Securities plc	10-Oct-2019 10:37:02	11	6374.0000	XLON	01502015000045435-E0fk4PTWw5JY20191010
J.P. Morgan Securities plc	10-Oct-2019 10:37:02	70	6374.0000	XLON	01502015000045435-E0fk4PTWw5JU20191010
J.P. Morgan Securities plc	10-Oct-2019 10:37:02	37	6374.0000	XLON	01502015000045435-E0fk4PTWw5JW20191010
J.P. Morgan Securities plc	10-Oct-2019 10:38:33	117	6374.0000	XLON	11502115000045594-E0fk4PTWw6PY20191010

J.P. Morgan Securities plc	10-Oct-2019 10:39:57	118	6374.0000	XLON	01502015000045872-E0fk4PTWw7pg20191010
J.P. Morgan Securities plc	10-Oct-2019 10:39:58	1	6374.0000	XLON	01502015000045872-E0fk4PTWw7ql20191010
J.P. Morgan Securities plc	10-Oct-2019 10:44:34	119	6378.0000	XLON	11502115000046562-E0fk4PTWwDZT20191010
J.P. Morgan Securities plc	10-Oct-2019 10:46:53	82	6384.0000	XLON	11502115000047025-E0fk4PTWwFMY20191010
J.P. Morgan Securities plc	10-Oct-2019 10:46:53	56	6384.0000	XLON	01502015000047075-E0fk4PTWwFMa20191010
J.P. Morgan Securities plc	10-Oct-2019 10:46:53	52	6384.0000	XLON	11502115000047026-E0fk4PTWwFMc20191010
J.P. Morgan Securities plc	10-Oct-2019 10:47:50	117	6385.0000	XLON	01502015000047183-E0fk4PTWwGUq20191010
J.P. Morgan Securities plc	10-Oct-2019 10:49:14	118	6385.0000	XLON	11502115000047294-E0fk4PTWwHlj20191010
J.P. Morgan Securities plc	10-Oct-2019 10:54:04	118	6387.0000	XLON	01502015000048086-E0fk4PTWwN6a20191010
J.P. Morgan Securities plc	10-Oct-2019 10:55:29	118	6386.0000	XLON	11502115000048248-E0fk4PTWwOpj20191010
J.P. Morgan Securities plc	10-Oct-2019 10:56:09	46	6386.0000	XLON	11502115000048348-E0fk4PTWwPJY20191010
J.P. Morgan Securities plc	10-Oct-2019 10:57:22	45	6386.0000	XLON	11502115000048532-E0fk4PTWwQEc20191010
J.P. Morgan Securities plc	10-Oct-2019 10:57:22	45	6386.0000	XLON	01502015000048596-E0fk4PTWwQEa20191010
J.P. Morgan Securities plc	10-Oct-2019 10:58:34	177	6385.0000	XLON	11502115000048713-E0fk4PTWwQtz20191010
J.P. Morgan Securities plc	10-Oct-2019 10:59:13	8	6384.0000	XLON	01502015000048771-E0fk4PTWwRQN20191010
J.P. Morgan Securities plc	10-Oct-2019 10:59:13	147	6384.0000	XLON	01502015000048771-E0fk4PTWwRQL20191010
J.P. Morgan Securities plc	10-Oct-2019 11:02:14	121	6384.0000	XLON	11502115000049144-E0fk4PTWwUyn20191010
J.P. Morgan Securities plc	10-Oct-2019 11:04:13	202	6385.0000	XLON	01502015000049671-E0fk4PTWwWo620191010
J.P. Morgan Securities plc	10-Oct-2019 11:07:57	25	6388.0000	XLON	11502115000050120-E0fk4PTWwZfu20191010
J.P. Morgan Securities plc	10-Oct-2019 11:07:57	47	6388.0000	XLON	01502015000050201-E0fk4PTWwZfs20191010
J.P. Morgan Securities plc	10-Oct-2019 11:07:57	9	6388.0000	XLON	11502115000050027-E0fk4PTWwZfo20191010
J.P. Morgan Securities plc	10-Oct-2019 11:07:57	120	6388.0000	XLON	11502115000049988-E0fk4PTWwZfk20191010
J.P. Morgan Securities plc	10-Oct-2019 11:07:57	118	6388.0000	XLON	01502015000050234-E0fk4PTWwZfw20191010
J.P. Morgan Securities plc	10-Oct-2019 11:07:57	99	6388.0000	XLON	01502015000050138-E0fk4PTWwZfq20191010
J.P. Morgan Securities plc	10-Oct-2019 11:11:51	70	6392.0000	XLON	11502115000050899-E0fk4PTWwewU20191010
J.P. Morgan Securities plc	10-Oct-2019 11:11:51	36	6392.0000	XLON	11502115000050899-E0fk4PTWwewS20191010
J.P. Morgan Securities plc	10-Oct-2019 11:11:55	132	6390.0000	XLON	01502015000050892-E0fk4PTWwf3L20191010
J.P. Morgan Securities plc	10-Oct-2019 11:17:04	200	6386.0000	XLON	01502015000051891-E0fk4PTWwkGi20191010
J.P. Morgan Securities plc	10-Oct-2019 11:17:04	13	6386.0000	XLON	01502015000051914-E0fk4PTWwkGw20191010
J.P. Morgan Securities plc	10-Oct-2019 11:17:04	42	6386.0000	XLON	11502115000051828-E0fk4PTWwkGy20191010
J.P. Morgan Securities plc	10-Oct-2019 11:17:04	74	6386.0000	XLON	11502115000051827-E0fk4PTWwkGq20191010
J.P. Morgan Securities plc	10-Oct-2019 11:17:04	15	6386.0000	XLON	01502015000051891-E0fk4PTWwkGk20191010
J.P. Morgan Securities plc	10-Oct-2019 11:17:04	73	6386.0000	XLON	01502015000051914-E0fk4PTWwkGu20191010
J.P. Morgan Securities plc	10-Oct-2019 11:21:35	130	6385.0000	XLON	01502015000052585-E0fk4PTWwoQo20191010
J.P. Morgan Securities plc	10-Oct-2019 11:22:12	128	6385.0000	XLON	01502015000052645-E0fk4PTWwonr20191010
J.P. Morgan Securities plc	10-Oct-2019 11:24:03	16	6386.0000	XLON	11502115000052883-E0fk4PTWwq8T20191010
J.P. Morgan Securities plc	10-Oct-2019 11:24:03	29	6386.0000	XLON	11502115000052883-E0fk4PTWwq8V20191010
J.P. Morgan Securities plc	10-Oct-2019 11:25:32	9	6386.0000	XLON	01502015000053186-E0fk4PTWwrr5h20191010
J.P. Morgan Securities plc	10-Oct-2019 11:25:32	46	6386.0000	XLON	01502015000053186-E0fk4PTWwrr5f20191010
J.P. Morgan Securities plc	10-Oct-2019 11:26:38	80	6384.0000	XLON	11502115000053442-E0fk4PTWwsLr20191010
J.P. Morgan Securities plc	10-Oct-2019 11:29:03	58	6384.0000	XLON	11502115000054032-E0fk4PTWwuLa20191010
J.P. Morgan Securities plc	10-Oct-2019 11:33:03	143	6383.0000	XLON	11502115000054847-E0fk4PTWwyAC20191010
J.P. Morgan Securities plc	10-Oct-2019 11:34:23	102	6382.0000	XLON	01502015000054454-E0fk4PTWwz7G20191010
J.P. Morgan Securities plc	10-Oct-2019 11:36:52	196	6386.0000	XLON	11502115000055744-E0fk4PTWx0tH20191010
J.P. Morgan Securities plc	10-Oct-2019 11:40:04	42	6386.0000	XLON	01502015000056147-E0fk4PTWx2ga20191010
J.P. Morgan Securities plc	10-Oct-2019 11:40:04	41	6386.0000	XLON	11502115000056129-E0fk4PTWx2gc20191010
J.P. Morgan Securities plc	10-Oct-2019 11:40:04	52	6386.0000	XLON	11502115000056100-E0fk4PTWx2gY20191010
J.P. Morgan Securities plc	10-Oct-2019 11:42:55	116	6386.0000	XLON	01502015000056756-E0fk4PTWx5Uq20191010
J.P. Morgan Securities plc	10-Oct-2019 11:45:15	44	6386.0000	XLON	01502015000057152-E0fk4PTWx7kh20191010
J.P. Morgan Securities plc	10-Oct-2019 11:45:15	87	6386.0000	XLON	11502115000056848-E0fk4PTWx7kf20191010
J.P. Morgan Securities plc	10-Oct-2019 11:45:15	82	6386.0000	XLON	01502015000056891-E0fk4PTWx7kd20191010
J.P. Morgan Securities plc	10-Oct-2019 11:45:15	102	6386.0000	XLON	01502015000057152-E0fk4PTWx7kj20191010
J.P. Morgan Securities plc	10-Oct-2019 11:45:15	33	6386.0000	XLON	11502115000057131-E0fk4PTWx7kl20191010
J.P. Morgan Securities plc	10-Oct-2019 11:51:37	48	6378.0000	XLON	01502015000058191-E0fk4PTWxEpa20191010
J.P. Morgan Securities plc	10-Oct-2019 11:51:37	75	6378.0000	XLON	01502015000058191-E0fk4PTWxEpy20191010
J.P. Morgan Securities plc	10-Oct-2019 11:52:45	128	6376.0000	XLON	11502115000057960-E0fk4PTWxFNd20191010
J.P. Morgan Securities plc	10-Oct-2019 11:54:30	128	6372.0000	XLON	01502015000058006-E0fk4PTWxGtA20191010
J.P. Morgan Securities plc	10-Oct-2019 11:55:39	56	6370.0000	XLON	11502115000058694-E0fk4PTWxHwU20191010
J.P. Morgan Securities plc	10-Oct-2019 11:56:24	70	6368.0000	XLON	01502015000058358-E0fk4PTWxJ1520191010
J.P. Morgan Securities plc	10-Oct-2019 11:58:18	89	6368.0000	XLON	01502015000059289-E0fk4PTWxKqo20191010
J.P. Morgan Securities plc	10-Oct-2019 11:58:39	43	6366.0000	XLON	01502015000058539-E0fk4PTWxL6120191010
J.P. Morgan Securities plc	10-Oct-2019 11:59:30	43	6364.0000	XLON	01502015000058814-E0fk4PTWxM4X20191010
J.P. Morgan Securities plc	10-Oct-2019 11:59:30	71	6364.0000	XLON	01502015000058630-E0fk4PTWxM4V20191010
J.P. Morgan Securities plc	10-Oct-2019 12:04:08	134	6368.0000	XLON	11502115000061711-E0fk4PTWxSU620191010
J.P. Morgan Securities plc	10-Oct-2019 12:08:05	2	6368.0000	XLON	01502015000062998-E0fk4PTWxW4720191010
J.P. Morgan Securities plc	10-Oct-2019 12:08:06	19	6370.0000	XLON	11502115000062980-E0fk4PTWxW5d20191010
J.P. Morgan Securities plc	10-Oct-2019 12:08:09	98	6370.0000	XLON	01502015000063036-E0fk4PTWxW9m20191010
J.P. Morgan Securities plc	10-Oct-2019 12:09:43	117	6376.0000	XLON	01502015000063532-E0fk4PTWxXkO20191010
J.P. Morgan Securities plc	10-Oct-2019 12:12:42	62	6374.0000	XLON	11502115000063932-E0fk4PTWxaLk20191010
J.P. Morgan Securities plc	10-Oct-2019 12:13:52	18	6374.0000	XLON	11502115000064342-E0fk4PTWxaxG20191010
J.P. Morgan Securities plc	10-Oct-2019 12:13:52	54	6374.0000	XLON	11502115000064342-E0fk4PTWxaxE20191010
J.P. Morgan Securities plc	10-Oct-2019 12:13:52	75	6374.0000	XLON	11502115000064342-E0fk4PTWxaxC20191010
J.P. Morgan Securities plc	10-Oct-2019 12:15:21	45	6374.0000	XLON	01502015000064823-E0fk4PTWxbrd20191010
J.P. Morgan Securities plc	10-Oct-2019 12:15:31	83	6374.0000	XLON	01502015000064961-E0fk4PTWxbzJ20191010
J.P. Morgan Securities plc	10-Oct-2019 12:15:31	16	6374.0000	XLON	01502015000064961-E0fk4PTWxbzN20191010
J.P. Morgan Securities plc	10-Oct-2019 12:15:31	28	6374.0000	XLON	01502015000064961-E0fk4PTWxbzL20191010
J.P. Morgan Securities plc	10-Oct-2019 12:15:31	75	6374.0000	XLON	01502015000064961-E0fk4PTWxbzH20191010
J.P. Morgan Securities plc	10-Oct-2019 12:16:03	86	6370.0000	XLON	11502115000064398-E0fk4PTWxcRg20191010
J.P. Morgan Securities plc	10-Oct-2019 12:16:03	62	6372.0000	XLON	01502015000063878-E0fk4PTWxcR320191010

J.P. Morgan Securities plc	10-Oct-2019 12:26:46	41	6374.0000	XLON	11502115000067010-E0fk4PTWxk3r20191010
J.P. Morgan Securities plc	10-Oct-2019 12:26:46	118	6374.0000	XLON	11502115000066970-E0fk4PTWxk3n20191010
J.P. Morgan Securities plc	10-Oct-2019 12:26:46	41	6374.0000	XLON	01502015000067102-E0fk4PTWxk3x20191010
J.P. Morgan Securities plc	10-Oct-2019 12:26:46	42	6374.0000	XLON	01502015000066988-E0fk4PTWxk3p20191010
J.P. Morgan Securities plc	10-Oct-2019 12:27:47	20	6374.0000	XLON	11502115000067276-E0fk4PTWxkuk20191010
J.P. Morgan Securities plc	10-Oct-2019 12:27:47	29	6374.0000	XLON	11502115000067276-E0fk4PTWxkug20191010
J.P. Morgan Securities plc	10-Oct-2019 12:27:47	68	6374.0000	XLON	11502115000067276-E0fk4PTWxkui20191010
J.P. Morgan Securities plc	10-Oct-2019 12:29:23	112	6374.0000	XLON	01502015000067396-E0fk4PTWxlsM20191010
J.P. Morgan Securities plc	10-Oct-2019 12:29:23	6	6374.0000	XLON	01502015000067396-E0fk4PTWxlsO20191010
J.P. Morgan Securities plc	10-Oct-2019 12:31:55	8	6374.0000	XLON	11502115000067966-E0fk4PTWxofQ20191010
J.P. Morgan Securities plc	10-Oct-2019 12:31:55	14	6374.0000	XLON	11502115000067966-E0fk4PTWxofO20191010
J.P. Morgan Securities plc	10-Oct-2019 12:32:05	7	6374.0000	XLON	01502015000067993-E0fk4PTWxooR20191010
J.P. Morgan Securities plc	10-Oct-2019 12:32:05	56	6374.0000	XLON	01502015000067993-E0fk4PTWxooT20191010
J.P. Morgan Securities plc	10-Oct-2019 12:33:06	122	6372.0000	XLON	11502115000068012-E0fk4PTWxpji20191010
J.P. Morgan Securities plc	10-Oct-2019 12:33:07	43	6370.0000	XLON	11502115000068038-E0fk4PTWxq0t20191010
J.P. Morgan Securities plc	10-Oct-2019 12:33:07	87	6370.0000	XLON	01502015000067655-E0fk4PTWxq0n20191010
J.P. Morgan Securities plc	10-Oct-2019 12:37:23	81	6372.0000	XLON	11502115000069599-E0fk4PTWxvAu20191010
J.P. Morgan Securities plc	10-Oct-2019 12:37:23	75	6372.0000	XLON	11502115000069599-E0fk4PTWxvAs20191010
J.P. Morgan Securities plc	10-Oct-2019 12:44:32	217	6374.0000	XLON	01502015000071443-E0fk4PTWy0Gp20191010
J.P. Morgan Securities plc	10-Oct-2019 12:46:23	75	6376.0000	XLON	11502115000072220-E0fk4PTWy23420191010
J.P. Morgan Securities plc	10-Oct-2019 12:47:12	75	6376.0000	XLON	11502115000072389-E0fk4PTWy2ZF20191010
J.P. Morgan Securities plc	10-Oct-2019 12:48:52	50	6376.0000	XLON	11502115000072708-E0fk4PTWy3jS20191010
J.P. Morgan Securities plc	10-Oct-2019 12:50:22	60	6376.0000	XLON	11502115000073071-E0fk4PTWy5G720191010
J.P. Morgan Securities plc	10-Oct-2019 12:50:22	92	6376.0000	XLON	11502115000073071-E0fk4PTWy5G520191010
J.P. Morgan Securities plc	10-Oct-2019 12:52:05	9	6376.0000	XLON	01502015000073636-E0fk4PTWy6RX20191010
J.P. Morgan Securities plc	10-Oct-2019 12:52:05	112	6376.0000	XLON	01502015000073636-E0fk4PTWy6RZ20191010
J.P. Morgan Securities plc	10-Oct-2019 12:53:32	67	6376.0000	XLON	01502015000074117-E0fk4PTWy7pY20191010
J.P. Morgan Securities plc	10-Oct-2019 12:53:32	7	6376.0000	XLON	01502015000074117-E0fk4PTWy7pW20191010
J.P. Morgan Securities plc	10-Oct-2019 12:55:21	75	6380.0000	XLON	01502015000074604-E0fk4PTWy9Fr20191010
J.P. Morgan Securities plc	10-Oct-2019 12:58:10	35	6380.0000	XLON	01502015000075216-E0fk4PTWyB5P20191010
J.P. Morgan Securities plc	10-Oct-2019 12:58:10	80	6380.0000	XLON	01502015000075216-E0fk4PTWyB5N20191010
J.P. Morgan Securities plc	10-Oct-2019 13:05:57	78	6388.0000	XLON	11502115000077132-E0fk4PTWyIWH20191010
J.P. Morgan Securities plc	10-Oct-2019 13:05:57	57	6388.0000	XLON	01502015000077021-E0fk4PTWyIWB20191010
J.P. Morgan Securities plc	10-Oct-2019 13:05:57	41	6388.0000	XLON	01502015000076960-E0fk4PTWyIWF20191010
J.P. Morgan Securities plc	10-Oct-2019 13:05:57	77	6388.0000	XLON	11502115000077117-E0fk4PTWyIWD20191010
J.P. Morgan Securities plc	10-Oct-2019 13:05:57	49	6388.0000	XLON	11502115000077023-E0fk4PTWyIWF920191010
J.P. Morgan Securities plc	10-Oct-2019 13:05:57	130	6388.0000	XLON	01502015000077061-E0fk4PTWyIWF20191010
J.P. Morgan Securities plc	10-Oct-2019 13:08:57	215	6386.0000	XLON	01502015000077686-E0fk4PTWyKu720191010
J.P. Morgan Securities plc	10-Oct-2019 13:09:47	128	6387.0000	XLON	11502115000077880-E0fk4PTWyM5T20191010
J.P. Morgan Securities plc	10-Oct-2019 13:10:32	58	6388.0000	XLON	01502015000077995-E0fk4PTWyMuy20191010
J.P. Morgan Securities plc	10-Oct-2019 13:13:52	4	6384.0000	XLON	11502115000078414-E0fk4PTWyPa020191010
J.P. Morgan Securities plc	10-Oct-2019 13:13:52	162	6384.0000	XLON	11502115000078414-E0fk4PTWyPa220191010
J.P. Morgan Securities plc	10-Oct-2019 13:19:28	41	6390.0000	XLON	11502115000079991-E0fk4PTWyUDF20191010
J.P. Morgan Securities plc	10-Oct-2019 13:19:28	42	6390.0000	XLON	11502115000079990-E0fk4PTWyUDB20191010
J.P. Morgan Securities plc	10-Oct-2019 13:19:28	66	6390.0000	XLON	11502115000079987-E0fk4PTWyUD720191010
J.P. Morgan Securities plc	10-Oct-2019 13:19:28	44	6390.0000	XLON	01502015000079896-E0fk4PTWyUD920191010
J.P. Morgan Securities plc	10-Oct-2019 13:19:28	42	6390.0000	XLON	01502015000079898-E0fk4PTWyUDD20191010
J.P. Morgan Securities plc	10-Oct-2019 13:19:29	75	6390.0000	XLON	11502115000080456-E0fk4PTWyUDt20191010
J.P. Morgan Securities plc	10-Oct-2019 13:19:30	130	6390.0000	XLON	01502015000080367-E0fk4PTWyUEe20191010
J.P. Morgan Securities plc	10-Oct-2019 13:21:25	58	6386.0000	XLON	11502115000080843-E0fk4PTWyVfZ20191010
J.P. Morgan Securities plc	10-Oct-2019 13:22:11	20	6386.0000	XLON	11502115000080985-E0fk4PTWyW5u20191010
J.P. Morgan Securities plc	10-Oct-2019 13:24:02	176	6386.0000	XLON	01502015000081252-E0fk4PTWyXOs20191010
J.P. Morgan Securities plc	10-Oct-2019 13:24:02	83	6386.0000	XLON	01502015000081252-E0fk4PTWyXOq20191010
J.P. Morgan Securities plc	10-Oct-2019 13:26:11	166	6386.0000	XLON	11502115000081775-E0fk4PTWyZ3B20191010
J.P. Morgan Securities plc	10-Oct-2019 13:30:02	166	6386.0000	XLON	01502015000082085-E0fk4PTWyycqR20191010
J.P. Morgan Securities plc	10-Oct-2019 13:30:02	70	6386.0000	XLON	11502115000082121-E0fk4PTWyycqP20191010
J.P. Morgan Securities plc	10-Oct-2019 13:30:02	121	6388.0000	XLON	11502115000082942-E0fk4PTWyycqF20191010
J.P. Morgan Securities plc	10-Oct-2019 13:30:02	75	6388.0000	XLON	11502115000082942-E0fk4PTWyycqH20191010
J.P. Morgan Securities plc	10-Oct-2019 13:30:31	74	6386.0000	XLON	11502115000083190-E0fk4PTWydsI20191010
J.P. Morgan Securities plc	10-Oct-2019 13:30:31	75	6386.0000	XLON	11502115000083190-E0fk4PTWydsG20191010
J.P. Morgan Securities plc	10-Oct-2019 13:31:07	161	6384.0000	XLON	01502015000083137-E0fk4PTWyeSd20191010
J.P. Morgan Securities plc	10-Oct-2019 13:34:37	75	6388.0000	XLON	01502015000084082-E0fk4PTWyhPd20191010
J.P. Morgan Securities plc	10-Oct-2019 13:35:58	176	6389.0000	XLON	01502015000084371-E0fk4PTWyiYg20191010
J.P. Morgan Securities plc	10-Oct-2019 13:37:17	125	6392.0000	XLON	01502015000084801-E0fk4PTWyl5e20191010
J.P. Morgan Securities plc	10-Oct-2019 13:40:02	52	6392.0000	XLON	11502115000085634-E0fk4PTWyoy720191010
J.P. Morgan Securities plc	10-Oct-2019 13:40:02	87	6392.0000	XLON	11502115000085634-E0fk4PTWyoy920191010
J.P. Morgan Securities plc	10-Oct-2019 13:40:02	42	6392.0000	XLON	11502115000085755-E0fk4PTWyoyL20191010
J.P. Morgan Securities plc	10-Oct-2019 13:40:02	57	6392.0000	XLON	01502015000085709-E0fk4PTWyoyJ20191010
J.P. Morgan Securities plc	10-Oct-2019 13:40:02	60	6392.0000	XLON	01502015000085703-E0fk4PTWyoyH20191010
J.P. Morgan Securities plc	10-Oct-2019 13:41:53	76	6390.0000	XLON	11502115000085990-E0fk4PTWyrUt20191010
J.P. Morgan Securities plc	10-Oct-2019 13:41:53	27	6390.0000	XLON	01502015000086237-E0fk4PTWyrUx20191010
J.P. Morgan Securities plc	10-Oct-2019 13:41:53	69	6390.0000	XLON	11502115000086221-E0fk4PTWyrUv20191010
J.P. Morgan Securities plc	10-Oct-2019 13:42:39	53	6390.0000	XLON	01502015000086417-E0fk4PTWysJA20191010
J.P. Morgan Securities plc	10-Oct-2019 13:44:03	121	6392.0000	XLON	01502015000086639-E0fk4PTWytxT20191010
J.P. Morgan Securities plc	10-Oct-2019 13:44:37	5	6394.0000	XLON	11502115000086744-E0fk4PTWyucP20191010
J.P. Morgan Securities plc	10-Oct-2019 13:44:37	90	6394.0000	XLON	11502115000086744-E0fk4PTWyucR20191010
J.P. Morgan Securities plc	10-Oct-2019 13:45:12	95	6392.0000	XLON	01502015000086672-E0fk4PTWyyOV20191010
J.P. Morgan Securities plc	10-Oct-2019 13:45:12	42	6392.0000	XLON	11502115000086668-E0fk4PTWyyOT20191010
J.P. Morgan Securities plc	10-Oct-2019 13:45:12	69	6392.0000	XLON	01502015000086682-E0fk4PTWyyOZ20191010

J.P. Morgan Securities plc	10-Oct-2019 13:45:12	16	6392.0000	XLON	01502015000086698-E0fk4PTWyyOd20191010
J.P. Morgan Securities plc	10-Oct-2019 13:47:20	189	6390.0000	XLON	11502115000087510-E0fk4PTWyyKm20191010
J.P. Morgan Securities plc	10-Oct-2019 13:48:33	79	6388.0000	XLON	11502115000086984-E0fk4PTWz0K820191010
J.P. Morgan Securities plc	10-Oct-2019 14:00:01	74	6390.0000	XLON	01502015000092153-E0fk4PTWzCaQ20191010
J.P. Morgan Securities plc	10-Oct-2019 14:00:01	41	6390.0000	XLON	11502115000092203-E0fk4PTWzCcV20191010
J.P. Morgan Securities plc	10-Oct-2019 14:00:01	65	6390.0000	XLON	01502015000092155-E0fk4PTWzCaS20191010
J.P. Morgan Securities plc	10-Oct-2019 14:00:01	89	6390.0000	XLON	01502015000092157-E0fk4PTWzCaU20191010
J.P. Morgan Securities plc	10-Oct-2019 14:00:01	88	6390.0000	XLON	01502015000092167-E0fk4PTWzCaW20191010
J.P. Morgan Securities plc	10-Oct-2019 14:00:01	11	6390.0000	XLON	11502115000092203-E0fk4PTWzCcX20191010
J.P. Morgan Securities plc	10-Oct-2019 14:00:14	293	6390.0000	XLON	01502015000092200-E0fk4PTWzD5f20191010
J.P. Morgan Securities plc	10-Oct-2019 14:00:14	89	6390.0000	XLON	01502015000092200-E0fk4PTWzD5i20191010
J.P. Morgan Securities plc	10-Oct-2019 14:00:55	54	6390.0000	XLON	11502115000092420-E0fk4PTWzDzi20191010
J.P. Morgan Securities plc	10-Oct-2019 14:01:23	41	6388.0000	XLON	01502015000092409-E0fk4PTWzEWU20191010
J.P. Morgan Securities plc	10-Oct-2019 14:02:21	14	6386.0000	XLON	01502015000092670-E0fk4PTWzFW420191010
J.P. Morgan Securities plc	10-Oct-2019 14:02:21	91	6386.0000	XLON	01502015000092670-E0fk4PTWzFW020191010
J.P. Morgan Securities plc	10-Oct-2019 14:02:21	38	6386.0000	XLON	01502015000092670-E0fk4PTWzFW220191010
J.P. Morgan Securities plc	10-Oct-2019 14:02:51	100	6384.0000	XLON	01502015000092636-E0fk4PTWzGFI20191010
J.P. Morgan Securities plc	10-Oct-2019 14:06:41	286	6386.0000	XLON	01502015000093950-E0fk4PTWzKak20191010
J.P. Morgan Securities plc	10-Oct-2019 14:06:48	6	6384.0000	XLON	11502115000094064-E0fk4PTWzKkl20191010
J.P. Morgan Securities plc	10-Oct-2019 14:06:49	39	6384.0000	XLON	11502115000094064-E0fk4PTWzKmh20191010
J.P. Morgan Securities plc	10-Oct-2019 14:19:55	15	6396.0000	XLON	11502115000098436-E0fk4PTWzZ9N20191010
J.P. Morgan Securities plc	10-Oct-2019 14:19:55	268	6396.0000	XLON	11502115000098424-E0fk4PTWzZ9J20191010
J.P. Morgan Securities plc	10-Oct-2019 14:19:55	44	6392.0000	XLON	11502115000098409-E0fk4PTWzZA320191010
J.P. Morgan Securities plc	10-Oct-2019 14:19:55	284	6396.0000	XLON	11502115000098373-E0fk4PTWzZ9F20191010
J.P. Morgan Securities plc	10-Oct-2019 14:19:55	73	6392.0000	XLON	01502015000098317-E0fk4PTWzZA120191010
J.P. Morgan Securities plc	10-Oct-2019 14:19:55	25	6396.0000	XLON	01502015000098349-E0fk4PTWzZ9L20191010
J.P. Morgan Securities plc	10-Oct-2019 14:19:55	70	6396.0000	XLON	01502015000098300-E0fk4PTWzZ9H20191010
J.P. Morgan Securities plc	10-Oct-2019 14:21:31	170	6396.0000	XLON	11502115000098967-E0fk4PTWzZcf620191010
J.P. Morgan Securities plc	10-Oct-2019 14:21:31	63	6396.0000	XLON	11502115000098967-E0fk4PTWzZcf320191010
J.P. Morgan Securities plc	10-Oct-2019 14:24:12	124	6398.0000	XLON	01502015000099578-E0fk4PTWzZgk20191010
J.P. Morgan Securities plc	10-Oct-2019 14:24:12	75	6398.0000	XLON	01502015000099578-E0fk4PTWzZgkH20191010
J.P. Morgan Securities plc	10-Oct-2019 14:28:36	25	6402.0000	XLON	11502115000100995-E0fk4PTWzZntG20191010
J.P. Morgan Securities plc	10-Oct-2019 14:28:36	4	6402.0000	XLON	11502115000100995-E0fk4PTWzZntE20191010
J.P. Morgan Securities plc	10-Oct-2019 14:28:36	57	6402.0000	XLON	11502115000101023-E0fk4PTWzZntN20191010
J.P. Morgan Securities plc	10-Oct-2019 14:28:36	42	6402.0000	XLON	01502015000100889-E0fk4PTWzZntC20191010
J.P. Morgan Securities plc	10-Oct-2019 14:28:36	24	6402.0000	XLON	11502115000100995-E0fk4PTWzZntJ20191010
J.P. Morgan Securities plc	10-Oct-2019 14:28:36	48	6402.0000	XLON	11502115000101001-E0fk4PTWzZntL20191010
J.P. Morgan Securities plc	10-Oct-2019 14:28:36	43	6402.0000	XLON	11502115000100977-E0fk4PTWzZntA20191010
J.P. Morgan Securities plc	10-Oct-2019 14:28:37	60	6402.0000	XLON	01502015000100949-E0fk4PTWzZnv820191010
J.P. Morgan Securities plc	10-Oct-2019 14:28:37	33	6402.0000	XLON	01502015000100949-E0fk4PTWzZnvA20191010
J.P. Morgan Securities plc	10-Oct-2019 14:28:37	28	6402.0000	XLON	01502015000100949-E0fk4PTWzZnv620191010
J.P. Morgan Securities plc	10-Oct-2019 14:29:31	74	6400.0000	XLON	01502015000101169-E0fk4PTWzZoh020191010
J.P. Morgan Securities plc	10-Oct-2019 14:29:31	88	6400.0000	XLON	01502015000101169-E0fk4PTWzZogy20191010
J.P. Morgan Securities plc	10-Oct-2019 14:30:42	57	6398.0000	XLON	11502115000101520-E0fk4PTWzZr2l20191010
J.P. Morgan Securities plc	10-Oct-2019 14:30:42	17	6398.0000	XLON	01502015000101440-E0fk4PTWzZr2p20191010
J.P. Morgan Securities plc	10-Oct-2019 14:30:42	31	6398.0000	XLON	01502015000101440-E0fk4PTWzZr2n20191010
J.P. Morgan Securities plc	10-Oct-2019 14:32:11	45	6396.0000	XLON	11502115000101906-E0fk4PTWzZtBr20191010
J.P. Morgan Securities plc	10-Oct-2019 14:36:34	51	6398.0000	XLON	11502115000103448-E0fk4PTX00Zt20191010
J.P. Morgan Securities plc	10-Oct-2019 14:36:34	59	6398.0000	XLON	11502115000103445-E0fk4PTX00ZZ20191010
J.P. Morgan Securities plc	10-Oct-2019 14:36:34	48	6398.0000	XLON	11502115000103446-E0fk4PTX00Zf20191010
J.P. Morgan Securities plc	10-Oct-2019 14:36:34	352	6398.0000	XLON	01502015000103356-E0fk4PTX00ZS20191010
J.P. Morgan Securities plc	10-Oct-2019 14:39:06	42	6404.0000	XLON	01502015000103843-E0fk4PTX045p20191010
J.P. Morgan Securities plc	10-Oct-2019 14:39:06	42	6404.0000	XLON	11502115000103937-E0fk4PTX045r20191010
J.P. Morgan Securities plc	10-Oct-2019 14:39:06	41	6404.0000	XLON	11502115000103938-E0fk4PTX045v20191010
J.P. Morgan Securities plc	10-Oct-2019 14:39:06	42	6404.0000	XLON	11502115000103935-E0fk4PTX045n20191010
J.P. Morgan Securities plc	10-Oct-2019 14:39:06	42	6404.0000	XLON	01502015000103845-E0fk4PTX045t20191010
J.P. Morgan Securities plc	10-Oct-2019 14:39:07	14	6404.0000	XLON	11502115000104037-E0fk4PTX046m20191010
J.P. Morgan Securities plc	10-Oct-2019 14:39:11	115	6404.0000	XLON	01502015000103944-E0fk4PTX048n20191010
J.P. Morgan Securities plc	10-Oct-2019 14:39:11	26	6404.0000	XLON	01502015000103944-E0fk4PTX048q20191010
J.P. Morgan Securities plc	10-Oct-2019 14:39:58	118	6404.0000	XLON	01502015000104083-E0fk4PTX05UF20191010
J.P. Morgan Securities plc	10-Oct-2019 14:43:01	211	6400.0000	XLON	11502115000104836-E0fk4PTX09s820191010
J.P. Morgan Securities plc	10-Oct-2019 14:43:01	71	6400.0000	XLON	11502115000104799-E0fk4PTX09s620191010
J.P. Morgan Securities plc	10-Oct-2019 14:43:01	178	6400.0000	XLON	01502015000104681-E0fk4PTX09s420191010
J.P. Morgan Securities plc	10-Oct-2019 14:43:01	4	6400.0000	XLON	01502015000104681-E0fk4PTX09s220191010
J.P. Morgan Securities plc	10-Oct-2019 14:43:01	36	6400.0000	XLON	01502015000104736-E0fk4PTX09sA20191010
J.P. Morgan Securities plc	10-Oct-2019 14:44:40	75	6400.0000	XLON	11502115000105119-E0fk4PTX0Bvd20191010
J.P. Morgan Securities plc	10-Oct-2019 14:44:40	100	6400.0000	XLON	11502115000105119-E0fk4PTX0Bvb20191010
J.P. Morgan Securities plc	10-Oct-2019 14:44:40	74	6400.0000	XLON	11502115000105119-E0fk4PTX0BvZ20191010
J.P. Morgan Securities plc	10-Oct-2019 14:45:31	71	6402.0000	XLON	11502115000105248-E0fk4PTX0DOb20191010
J.P. Morgan Securities plc	10-Oct-2019 14:47:11	52	6402.0000	XLON	01502015000105489-E0fk4PTX0FVS20191010
J.P. Morgan Securities plc	10-Oct-2019 14:47:11	103	6402.0000	XLON	01502015000105489-E0fk4PTX0FVQ20191010
J.P. Morgan Securities plc	10-Oct-2019 14:47:33	75	6400.0000	XLON	01502015000105014-E0fk4PTX0FwK20191010
J.P. Morgan Securities plc	10-Oct-2019 14:48:49	108	6402.0000	XLON	11502115000105875-E0fk4PTX0HdA20191010
J.P. Morgan Securities plc	10-Oct-2019 14:48:49	21	6402.0000	XLON	11502115000105875-E0fk4PTX0HdC20191010
J.P. Morgan Securities plc	10-Oct-2019 14:49:58	3	6410.0000	XLON	11502115000106130-E0fk4PTX0Joi20191010
J.P. Morgan Securities plc	10-Oct-2019 14:49:59	97	6410.0000	XLON	01502015000106043-E0fk4PTX0Jog20191010
J.P. Morgan Securities plc	10-Oct-2019 14:49:59	117	6410.0000	XLON	11502115000106130-E0fk4PTX0Jok20191010
J.P. Morgan Securities plc	10-Oct-2019 14:52:16	143	6406.0000	XLON	01502015000106955-E0fk4PTX0Tun20191010
J.P. Morgan Securities plc	10-Oct-2019 14:52:17	10	6404.0000	XLON	11502115000107021-E0fk4PTX0Ty220191010

J.P. Morgan Securities plc	10-Oct-2019 14:53:09	107	6408.0000	XLON	01502015000107153-E0fk4PTX0Vhn20191010
J.P. Morgan Securities plc	10-Oct-2019 14:53:09	118	6408.0000	XLON	01502015000107154-E0fk4PTX0Vhr20191010
J.P. Morgan Securities plc	10-Oct-2019 14:53:09	35	6408.0000	XLON	11502115000107234-E0fk4PTX0Vhp20191010
J.P. Morgan Securities plc	10-Oct-2019 14:54:40	75	6408.0000	XLON	11502115000107600-E0fk4PTX0Yut20191010
J.P. Morgan Securities plc	10-Oct-2019 14:54:40	51	6408.0000	XLON	11502115000107600-E0fk4PTX0Yuv20191010
J.P. Morgan Securities plc	10-Oct-2019 14:54:40	42	6408.0000	XLON	11502115000107600-E0fk4PTX0Yux20191010
J.P. Morgan Securities plc	10-Oct-2019 14:54:42	3	6404.0000	XLON	01502015000107538-E0fk4PTX0Yys20191010
J.P. Morgan Securities plc	10-Oct-2019 14:54:42	62	6404.0000	XLON	01502015000107538-E0fk4PTX0Yz120191010
J.P. Morgan Securities plc	10-Oct-2019 14:54:42	5	6404.0000	XLON	01502015000107538-E0fk4PTX0Yyz20191010
J.P. Morgan Securities plc	10-Oct-2019 14:54:42	89	6404.0000	XLON	01502015000107538-E0fk4PTX0Yyv20191010
J.P. Morgan Securities plc	10-Oct-2019 14:54:42	21	6404.0000	XLON	01502015000107538-E0fk4PTX0Yyx20191010
J.P. Morgan Securities plc	10-Oct-2019 14:57:02	88	6408.0000	XLON	11502115000108277-E0fk4PTX0eKy20191010
J.P. Morgan Securities plc	10-Oct-2019 14:57:02	157	6408.0000	XLON	11502115000108257-E0fk4PTX0eKu20191010
J.P. Morgan Securities plc	10-Oct-2019 14:57:02	224	6410.0000	XLON	01502015000108230-E0fk4PTX0eKk20191010
J.P. Morgan Securities plc	10-Oct-2019 14:59:16	75	6408.0000	XLON	11502115000108966-E0fk4PTX0izx20191010
J.P. Morgan Securities plc	10-Oct-2019 14:59:31	60	6408.0000	XLON	11502115000109013-E0fk4PTX0jfY20191010
J.P. Morgan Securities plc	10-Oct-2019 15:00:03	138	6408.0000	XLON	01502015000109084-E0fk4PTX0kot20191010
J.P. Morgan Securities plc	10-Oct-2019 15:00:03	15	6408.0000	XLON	11502115000109181-E0fk4PTX0kox20191010
J.P. Morgan Securities plc	10-Oct-2019 15:00:03	162	6408.0000	XLON	11502115000109181-E0fk4PTX0kov20191010
J.P. Morgan Securities plc	10-Oct-2019 15:00:31	22	6408.0000	XLON	11502115000109341-E0fk4PTX0lmk20191010
J.P. Morgan Securities plc	10-Oct-2019 15:00:31	75	6408.0000	XLON	11502115000109341-E0fk4PTX0lmi20191010
J.P. Morgan Securities plc	10-Oct-2019 15:01:13	37	6408.0000	XLON	01502015000109357-E0fk4PTX0n4g20191010
J.P. Morgan Securities plc	10-Oct-2019 15:01:13	13	6408.0000	XLON	01502015000109357-E0fk4PTX0n4i20191010
J.P. Morgan Securities plc	10-Oct-2019 15:01:13	10	6408.0000	XLON	01502015000109357-E0fk4PTX0n4z20191010
J.P. Morgan Securities plc	10-Oct-2019 15:01:13	311	6406.0000	XLON	01502015000109268-E0fk4PTX0n5l20191010
J.P. Morgan Securities plc	10-Oct-2019 15:01:13	101	6408.0000	XLON	01502015000109357-E0fk4PTX0n4p20191010
J.P. Morgan Securities plc	10-Oct-2019 15:02:00	146	6402.0000	XLON	11502115000109420-E0fk4PTX0oZs20191010
J.P. Morgan Securities plc	10-Oct-2019 15:04:01	75	6406.0000	XLON	01502015000110413-E0fk4PTX0sB420191010
J.P. Morgan Securities plc	10-Oct-2019 15:04:25	16	6408.0000	XLON	01502015000110518-E0fk4PTX0swl20191010
J.P. Morgan Securities plc	10-Oct-2019 15:04:25	163	6408.0000	XLON	01502015000110518-E0fk4PTX0swN20191010
J.P. Morgan Securities plc	10-Oct-2019 15:04:25	13	6408.0000	XLON	01502015000110518-E0fk4PTX0swK20191010
J.P. Morgan Securities plc	10-Oct-2019 15:04:35	64	6406.0000	XLON	11502115000110539-E0fk4PTX0t5p20191010
J.P. Morgan Securities plc	10-Oct-2019 15:04:35	128	6406.0000	XLON	11502115000110523-E0fk4PTX0t5n20191010
J.P. Morgan Securities plc	10-Oct-2019 15:06:06	35	6418.0000	XLON	01502015000110932-E0fk4PTX0vZs20191010
J.P. Morgan Securities plc	10-Oct-2019 15:08:33	49	6414.0000	XLON	11502115000111463-E0fk4PTX105920191010
J.P. Morgan Securities plc	10-Oct-2019 15:08:33	32	6414.0000	XLON	11502115000111463-E0fk4PTX105B20191010
J.P. Morgan Securities plc	10-Oct-2019 15:08:33	36	6414.0000	XLON	11502115000111463-E0fk4PTX105D20191010
J.P. Morgan Securities plc	10-Oct-2019 15:09:10	116	6414.0000	XLON	01502015000111537-E0fk4PTX10sT20191010
J.P. Morgan Securities plc	10-Oct-2019 15:09:47	116	6414.0000	XLON	01502015000111623-E0fk4PTX11f220191010
J.P. Morgan Securities plc	10-Oct-2019 15:10:25	7	6414.0000	XLON	11502115000111783-E0fk4PTX13Cv20191010
J.P. Morgan Securities plc	10-Oct-2019 15:10:25	106	6414.0000	XLON	11502115000111783-E0fk4PTX13Cp20191010
J.P. Morgan Securities plc	10-Oct-2019 15:12:36	36	6410.0000	XLON	01502015000112237-E0fk4PTX16pJ20191010
J.P. Morgan Securities plc	10-Oct-2019 15:12:36	152	6410.0000	XLON	01502015000112192-E0fk4PTX16p220191010
J.P. Morgan Securities plc	10-Oct-2019 15:12:36	182	6410.0000	XLON	01502015000112237-E0fk4PTX16pH20191010
J.P. Morgan Securities plc	10-Oct-2019 15:12:36	203	6410.0000	XLON	11502115000112236-E0fk4PTX16p420191010
J.P. Morgan Securities plc	10-Oct-2019 15:13:55	62	6406.0000	XLON	11502115000112249-E0fk4PTX1Alq20191010
J.P. Morgan Securities plc	10-Oct-2019 15:14:47	62	6406.0000	XLON	11502115000112591-E0fk4PTX1DK420191010
J.P. Morgan Securities plc	10-Oct-2019 15:15:04	45	6404.0000	XLON	01502015000112532-E0fk4PTX1EGS20191010
J.P. Morgan Securities plc	10-Oct-2019 15:15:44	16	6410.0000	XLON	11502115000112951-E0fk4PTX1HGw20191010
J.P. Morgan Securities plc	10-Oct-2019 15:15:44	139	6410.0000	XLON	11502115000112951-E0fk4PTX1HGv20191010
J.P. Morgan Securities plc	10-Oct-2019 15:17:34	11	6416.0000	XLON	11502115000113246-E0fk4PTX1LTL20191010
J.P. Morgan Securities plc	10-Oct-2019 15:17:51	49	6418.0000	XLON	11502115000113314-E0fk4PTX1MfE20191010
J.P. Morgan Securities plc	10-Oct-2019 15:17:51	48	6418.0000	XLON	01502015000113297-E0fk4PTX1MfJ20191010
J.P. Morgan Securities plc	10-Oct-2019 15:17:51	46	6418.0000	XLON	11502115000113316-E0fk4PTX1MfO20191010
J.P. Morgan Securities plc	10-Oct-2019 15:17:51	41	6418.0000	XLON	01502015000113299-E0fk4PTX1Mfc20191010
J.P. Morgan Securities plc	10-Oct-2019 15:17:51	11	6418.0000	XLON	11502115000113318-E0fk4PTX1Mfa20191010
J.P. Morgan Securities plc	10-Oct-2019 15:17:51	40	6418.0000	XLON	11502115000113319-E0fk4PTX1Mfg20191010
J.P. Morgan Securities plc	10-Oct-2019 15:17:51	42	6418.0000	XLON	11502115000113318-E0fk4PTX1MfX20191010
J.P. Morgan Securities plc	10-Oct-2019 15:17:51	42	6418.0000	XLON	01502015000113298-E0fk4PTX1MfT20191010
J.P. Morgan Securities plc	10-Oct-2019 15:18:34	117	6420.0000	XLON	01502015000113422-E0fk4PTX1PNf20191010
J.P. Morgan Securities plc	10-Oct-2019 15:19:16	29	6416.0000	XLON	01502015000113529-E0fk4PTX1REb20191010
J.P. Morgan Securities plc	10-Oct-2019 15:19:16	140	6418.0000	XLON	11502115000113583-E0fk4PTX1REO20191010
J.P. Morgan Securities plc	10-Oct-2019 15:19:16	145	6416.0000	XLON	11502115000113570-E0fk4PTX1REX20191010
J.P. Morgan Securities plc	10-Oct-2019 15:22:03	128	6414.0000	XLON	11502115000114128-E0fk4PTX1Yme20191010
J.P. Morgan Securities plc	10-Oct-2019 15:22:03	128	6414.0000	XLON	01502015000114080-E0fk4PTX1Yma20191010
J.P. Morgan Securities plc	10-Oct-2019 15:22:03	64	6414.0000	XLON	11502115000114100-E0fk4PTX1Ymc20191010
J.P. Morgan Securities plc	10-Oct-2019 15:22:04	64	6412.0000	XLON	01502015000114118-E0fk4PTX1Yvh20191010
J.P. Morgan Securities plc	10-Oct-2019 15:22:59	229	6414.0000	XLON	01502015000114284-E0fk4PTX1agn20191010
J.P. Morgan Securities plc	10-Oct-2019 15:23:59	153	6412.0000	XLON	11502115000114180-E0fk4PTX1cfx20191010
J.P. Morgan Securities plc	10-Oct-2019 15:23:59	46	6412.0000	XLON	11502115000114180-E0fk4PTX1cfv20191010
J.P. Morgan Securities plc	10-Oct-2019 15:23:59	224	6410.0000	XLON	11502115000114449-E0fk4PTX1cgw20191010
J.P. Morgan Securities plc	10-Oct-2019 15:25:52	207	6410.0000	XLON	01502015000114798-E0fk4PTX1gRD20191010
J.P. Morgan Securities plc	10-Oct-2019 15:26:01	48	6410.0000	XLON	11502115000114861-E0fk4PTX1glu20191010
J.P. Morgan Securities plc	10-Oct-2019 15:27:23	179	6410.0000	XLON	11502115000115159-E0fk4PTX1jjx20191010
J.P. Morgan Securities plc	10-Oct-2019 15:27:26	85	6410.0000	XLON	01502015000115135-E0fk4PTX1jo520191010
J.P. Morgan Securities plc	10-Oct-2019 15:28:13	207	6408.0000	XLON	01502015000114724-E0fk4PTX1ISG20191010
J.P. Morgan Securities plc	10-Oct-2019 15:29:00	220	6404.0000	XLON	01502015000115389-E0fk4PTX1nF120191010
J.P. Morgan Securities plc	10-Oct-2019 15:29:00	141	6406.0000	XLON	11502115000114327-E0fk4PTX1nDy20191010
J.P. Morgan Securities plc	10-Oct-2019 15:29:27	156	6400.0000	XLON	11502115000115322-E0fk4PTX1oNB20191010

J.P. Morgan Securities plc	10-Oct-2019 15:31:37	228	6404.0000	XLON	11502115000116220-E0fk4PTX1tUD20191010
J.P. Morgan Securities plc	10-Oct-2019 15:32:46	185	6402.0000	XLON	01502015000116482-E0fk4PTX1vMm20191010
J.P. Morgan Securities plc	10-Oct-2019 15:32:46	58	6402.0000	XLON	11502115000116426-E0fk4PTX1vMh20191010
J.P. Morgan Securities plc	10-Oct-2019 15:32:46	366	6402.0000	XLON	11502115000116351-E0fk4PTX1vMd20191010
J.P. Morgan Securities plc	10-Oct-2019 15:32:46	1	6402.0000	XLON	11502115000116469-E0fk4PTX1vMj20191010
J.P. Morgan Securities plc	10-Oct-2019 15:34:22	117	6400.0000	XLON	01502015000116699-E0fk4PTX1yMY20191010
J.P. Morgan Securities plc	10-Oct-2019 15:34:22	99	6400.0000	XLON	01502015000116699-E0fk4PTX1yMa20191010
J.P. Morgan Securities plc	10-Oct-2019 15:35:21	58	6398.0000	XLON	11502115000116470-E0fk4PTX1zUU20191010
J.P. Morgan Securities plc	10-Oct-2019 15:35:21	47	6398.0000	XLON	11502115000116730-E0fk4PTX1zuw20191010
J.P. Morgan Securities plc	10-Oct-2019 15:35:21	83	6396.0000	XLON	11502115000116509-E0fk4PTX1zvN20191010
J.P. Morgan Securities plc	10-Oct-2019 15:37:02	254	6402.0000	XLON	11502115000117439-E0fk4PTX23LA20191010
J.P. Morgan Securities plc	10-Oct-2019 15:37:02	112	6400.0000	XLON	01502015000117435-E0fk4PTX23Ln20191010
J.P. Morgan Securities plc	10-Oct-2019 15:37:02	287	6402.0000	XLON	01502015000117399-E0fk4PTX23L420191010
J.P. Morgan Securities plc	10-Oct-2019 15:39:16	75	6406.0000	XLON	01502015000118074-E0fk4PTX29KW20191010
J.P. Morgan Securities plc	10-Oct-2019 15:39:16	76	6406.0000	XLON	01502015000118074-E0fk4PTX29KY20191010
J.P. Morgan Securities plc	10-Oct-2019 15:40:01	95	6404.0000	XLON	01502015000117878-E0fk4PTX2Ac420191010
J.P. Morgan Securities plc	10-Oct-2019 15:40:01	81	6404.0000	XLON	11502115000118086-E0fk4PTX2AcA20191010
J.P. Morgan Securities plc	10-Oct-2019 15:40:51	75	6404.0000	XLON	11502115000118434-E0fk4PTX2BrH20191010
J.P. Morgan Securities plc	10-Oct-2019 15:40:51	72	6404.0000	XLON	11502115000118434-E0fk4PTX2BrJ20191010
J.P. Morgan Securities plc	10-Oct-2019 15:42:34	50	6408.0000	XLON	11502115000118872-E0fk4PTX2F9120191010
J.P. Morgan Securities plc	10-Oct-2019 15:43:35	205	6410.0000	XLON	01502015000119105-E0fk4PTX2H2P20191010
J.P. Morgan Securities plc	10-Oct-2019 15:44:00	28	6408.0000	XLON	11502115000119113-E0fk4PTX2I0m20191010
J.P. Morgan Securities plc	10-Oct-2019 15:44:33	174	6410.0000	XLON	01502015000119329-E0fk4PTX2JD120191010
J.P. Morgan Securities plc	10-Oct-2019 15:45:15	32	6410.0000	XLON	11502115000119482-E0fk4PTX2KKu20191010
J.P. Morgan Securities plc	10-Oct-2019 15:45:15	108	6410.0000	XLON	11502115000119482-E0fk4PTX2KL620191010
J.P. Morgan Securities plc	10-Oct-2019 15:45:31	263	6410.0000	XLON	11502115000119544-E0fk4PTX2KcO20191010
J.P. Morgan Securities plc	10-Oct-2019 15:47:10	211	6408.0000	XLON	01502015000119479-E0fk4PTX2NLN20191010
J.P. Morgan Securities plc	10-Oct-2019 15:47:28	80	6408.0000	XLON	11502115000119931-E0fk4PTX2Njr20191010
J.P. Morgan Securities plc	10-Oct-2019 15:47:28	198	6408.0000	XLON	11502115000119931-E0fk4PTX2Njy20191010
J.P. Morgan Securities plc	10-Oct-2019 15:47:34	345	6406.0000	XLON	11502115000119899-E0fk4PTX2Nta20191010
J.P. Morgan Securities plc	10-Oct-2019 15:48:54	118	6402.0000	XLON	01502015000120286-E0fk4PTX2QAX20191010
J.P. Morgan Securities plc	10-Oct-2019 15:48:54	58	6402.0000	XLON	01502015000120286-E0fk4PTX2QBL20191010
J.P. Morgan Securities plc	10-Oct-2019 15:48:54	45	6402.0000	XLON	01502015000120286-E0fk4PTX2QBJ20191010
J.P. Morgan Securities plc	10-Oct-2019 15:49:25	215	6400.0000	XLON	01502015000120271-E0fk4PTX2Qpd20191010
J.P. Morgan Securities plc	10-Oct-2019 15:49:25	17	6400.0000	XLON	01502015000120271-E0fk4PTX2Qr720191010
J.P. Morgan Securities plc	10-Oct-2019 15:49:25	55	6400.0000	XLON	01502015000120271-E0fk4PTX2Qr920191010
J.P. Morgan Securities plc	10-Oct-2019 15:50:31	113	6402.0000	XLON	11502115000120649-E0fk4PTX2SaK20191010
J.P. Morgan Securities plc	10-Oct-2019 15:50:31	12	6402.0000	XLON	11502115000120649-E0fk4PTX2SaM20191010
J.P. Morgan Securities plc	10-Oct-2019 15:50:31	137	6402.0000	XLON	11502115000120649-E0fk4PTX2Sal20191010
J.P. Morgan Securities plc	10-Oct-2019 15:50:51	260	6400.0000	XLON	01502015000120622-E0fk4PTX2TDS20191010
J.P. Morgan Securities plc	10-Oct-2019 15:50:51	49	6400.0000	XLON	01502015000120622-E0fk4PTX2TDU20191010
J.P. Morgan Securities plc	10-Oct-2019 15:50:53	143	6396.0000	XLON	01502015000120648-E0fk4PTX2TFV20191010
J.P. Morgan Securities plc	10-Oct-2019 15:53:22	12	6400.0000	XLON	01502015000121454-E0fk4PTX2XS420191010
J.P. Morgan Securities plc	10-Oct-2019 15:53:22	194	6400.0000	XLON	11502115000121486-E0fk4PTX2XS020191010
J.P. Morgan Securities plc	10-Oct-2019 15:53:22	18	6400.0000	XLON	11502115000121486-E0fk4PTX2XS220191010
J.P. Morgan Securities plc	10-Oct-2019 15:53:22	199	6400.0000	XLON	01502015000121454-E0fk4PTX2XS820191010
J.P. Morgan Securities plc	10-Oct-2019 15:55:12	1	6402.0000	XLON	11502115000121798-E0fk4PTX2b3K20191010
J.P. Morgan Securities plc	10-Oct-2019 15:55:12	138	6402.0000	XLON	11502115000121798-E0fk4PTX2b3G20191010
J.P. Morgan Securities plc	10-Oct-2019 15:55:12	26	6402.0000	XLON	11502115000121798-E0fk4PTX2b3I20191010
J.P. Morgan Securities plc	10-Oct-2019 15:55:31	5	6402.0000	XLON	11502115000121836-E0fk4PTX2bQ620191010
J.P. Morgan Securities plc	10-Oct-2019 15:55:31	131	6402.0000	XLON	11502115000121836-E0fk4PTX2bQ820191010
J.P. Morgan Securities plc	10-Oct-2019 15:55:47	22	6400.0000	XLON	11502115000121799-E0fk4PTX2bqO20191010
J.P. Morgan Securities plc	10-Oct-2019 15:55:47	42	6400.0000	XLON	01502015000121760-E0fk4PTX2bqM20191010
J.P. Morgan Securities plc	10-Oct-2019 15:55:47	86	6400.0000	XLON	11502115000121799-E0fk4PTX2bqQ20191010
J.P. Morgan Securities plc	10-Oct-2019 15:55:47	70	6400.0000	XLON	01502015000121803-E0fk4PTX2bqS20191010
J.P. Morgan Securities plc	10-Oct-2019 15:56:09	150	6396.0000	XLON	01502015000121761-E0fk4PTX2cPj20191010
J.P. Morgan Securities plc	10-Oct-2019 15:58:52	12	6400.0000	XLON	01502015000122164-E0fk4PTX2hNB20191010
J.P. Morgan Securities plc	10-Oct-2019 15:58:52	110	6400.0000	XLON	01502015000122164-E0fk4PTX2hND20191010
J.P. Morgan Securities plc	10-Oct-2019 15:58:52	12	6400.0000	XLON	01502015000122164-E0fk4PTX2hNF20191010
J.P. Morgan Securities plc	10-Oct-2019 15:58:52	113	6400.0000	XLON	11502115000122318-E0fk4PTX2hNH20191010
J.P. Morgan Securities plc	10-Oct-2019 15:58:52	8	6400.0000	XLON	11502115000122372-E0fk4PTX2hNR20191010
J.P. Morgan Securities plc	10-Oct-2019 15:58:52	96	6400.0000	XLON	11502115000122318-E0fk4PTX2hNJ20191010
J.P. Morgan Securities plc	10-Oct-2019 15:58:52	39	6400.0000	XLON	11502115000122372-E0fk4PTX2hNP20191010
J.P. Morgan Securities plc	10-Oct-2019 15:58:52	75	6400.0000	XLON	01502015000122338-E0fk4PTX2hNL20191010
J.P. Morgan Securities plc	10-Oct-2019 15:58:52	269	6400.0000	XLON	11502115000122372-E0fk4PTX2hNN20191010
J.P. Morgan Securities plc	10-Oct-2019 16:00:35	276	6408.0000	XLON	11502115000122687-E0fk4PTX2iLo20191010
J.P. Morgan Securities plc	10-Oct-2019 16:00:35	236	6408.0000	XLON	01502015000122693-E0fk4PTX2iLq20191010
J.P. Morgan Securities plc	10-Oct-2019 16:04:24	86	6408.0000	XLON	11502115000123329-E0fk4PTX2rLm20191010
J.P. Morgan Securities plc	10-Oct-2019 16:04:24	105	6408.0000	XLON	01502015000123337-E0fk4PTX2rLs20191010
J.P. Morgan Securities plc	10-Oct-2019 16:04:24	40	6408.0000	XLON	01502015000123340-E0fk4PTX2rLu20191010
J.P. Morgan Securities plc	10-Oct-2019 16:04:24	76	6406.0000	XLON	11502115000123334-E0fk4PTX2rMU20191010
J.P. Morgan Securities plc	10-Oct-2019 16:05:51	359	6406.0000	XLON	11502115000123704-E0fk4PTX2uEL20191010
J.P. Morgan Securities plc	10-Oct-2019 16:07:38	244	6408.0000	XLON	11502115000123946-E0fk4PTX2xTj20191010
J.P. Morgan Securities plc	10-Oct-2019 16:07:38	24	6408.0000	XLON	01502015000124022-E0fk4PTX2xTn20191010
J.P. Morgan Securities plc	10-Oct-2019 16:07:38	208	6408.0000	XLON	01502015000123809-E0fk4PTX2xTf20191010
J.P. Morgan Securities plc	10-Oct-2019 16:07:38	60	6408.0000	XLON	01502015000123992-E0fk4PTX2xTi20191010
J.P. Morgan Securities plc	10-Oct-2019 16:09:46	12	6408.0000	XLON	01502015000124345-E0fk4PTX30r220191010
J.P. Morgan Securities plc	10-Oct-2019 16:10:14	114	6408.0000	XLON	01502015000124345-E0fk4PTX31nf20191010
J.P. Morgan Securities plc	10-Oct-2019 16:11:11	27	6408.0000	XLON	01502015000124617-E0fk4PTX33RF20191010

J.P. Morgan Securities plc	10-Oct-2019 16:13:19	257	6412.0000	XLON	01502015000125501-E0fk4PTX375s20191010
J.P. Morgan Securities plc	10-Oct-2019 16:13:19	59	6412.0000	XLON	11502115000125507-E0fk4PTX375q20191010
J.P. Morgan Securities plc	10-Oct-2019 16:13:19	66	6412.0000	XLON	11502115000125508-E0fk4PTX375u20191010
J.P. Morgan Securities plc	10-Oct-2019 16:13:20	62	6410.0000	XLON	01502015000125515-E0fk4PTX379G20191010
J.P. Morgan Securities plc	10-Oct-2019 16:13:29	67	6410.0000	XLON	01502015000125555-E0fk4PTX37Oq20191010
J.P. Morgan Securities plc	10-Oct-2019 16:13:49	65	6410.0000	XLON	01502015000125613-E0fk4PTX37rU20191010
J.P. Morgan Securities plc	10-Oct-2019 16:14:07	55	6410.0000	XLON	11502115000125722-E0fk4PTX38X720191010
J.P. Morgan Securities plc	10-Oct-2019 16:14:20	112	6408.0000	XLON	01502015000125516-E0fk4PTX39NH20191010
J.P. Morgan Securities plc	10-Oct-2019 16:14:57	68	6408.0000	XLON	11502115000125911-E0fk4PTX3ApZ20191010
J.P. Morgan Securities plc	10-Oct-2019 16:14:57	22	6408.0000	XLON	11502115000125923-E0fk4PTX3Apf20191010
J.P. Morgan Securities plc	10-Oct-2019 16:14:57	72	6408.0000	XLON	01502015000125897-E0fk4PTX3Apd20191010
J.P. Morgan Securities plc	10-Oct-2019 16:15:40	39	6408.0000	XLON	11502115000126136-E0fk4PTX3CUE20191010
J.P. Morgan Securities plc	10-Oct-2019 16:15:40	32	6408.0000	XLON	11502115000126136-E0fk4PTX3CUI20191010
J.P. Morgan Securities plc	10-Oct-2019 16:16:00	9	6408.0000	XLON	11502115000126214-E0fk4PTX3DA720191010
J.P. Morgan Securities plc	10-Oct-2019 16:16:00	61	6408.0000	XLON	11502115000126214-E0fk4PTX3DA920191010
J.P. Morgan Securities plc	10-Oct-2019 16:16:20	16	6408.0000	XLON	01502015000126310-E0fk4PTX3EQ720191010
J.P. Morgan Securities plc	10-Oct-2019 16:16:20	31	6408.0000	XLON	01502015000126310-E0fk4PTX3EQ520191010
J.P. Morgan Securities plc	10-Oct-2019 16:16:20	31	6408.0000	XLON	01502015000126310-E0fk4PTX3EQ920191010
J.P. Morgan Securities plc	10-Oct-2019 16:16:43	17	6406.0000	XLON	01502015000126128-E0fk4PTX3FJy20191010
J.P. Morgan Securities plc	10-Oct-2019 16:16:43	22	6406.0000	XLON	01502015000126128-E0fk4PTX3FJu20191010
J.P. Morgan Securities plc	10-Oct-2019 16:16:50	69	6406.0000	XLON	01502015000126128-E0fk4PTX3FWc20191010
J.P. Morgan Securities plc	10-Oct-2019 16:16:50	21	6406.0000	XLON	01502015000126402-E0fk4PTX3FWg20191010
J.P. Morgan Securities plc	10-Oct-2019 16:16:52	18	6406.0000	XLON	01502015000126402-E0fk4PTX3FbV20191010
J.P. Morgan Securities plc	10-Oct-2019 16:16:52	15	6406.0000	XLON	01502015000126402-E0fk4PTX3FbR20191010
J.P. Morgan Securities plc	10-Oct-2019 16:16:52	14	6406.0000	XLON	01502015000126402-E0fk4PTX3FbT20191010
J.P. Morgan Securities plc	10-Oct-2019 16:17:30	75	6404.0000	XLON	11502115000126615-E0fk4PTX3Gs420191010
J.P. Morgan Securities plc	10-Oct-2019 16:18:50	32	6406.0000	XLON	11502115000126974-E0fk4PTX3JEO20191010
J.P. Morgan Securities plc	10-Oct-2019 16:18:50	94	6406.0000	XLON	11502115000126974-E0fk4PTX3JEQ20191010
J.P. Morgan Securities plc	10-Oct-2019 16:18:50	110	6406.0000	XLON	11502115000126974-E0fk4PTX3JES20191010
J.P. Morgan Securities plc	10-Oct-2019 16:18:50	23	6406.0000	XLON	11502115000126974-E0fk4PTX3JEU20191010
J.P. Morgan Securities plc	10-Oct-2019 16:18:50	63	6406.0000	XLON	11502115000126974-E0fk4PTX3JEM20191010
J.P. Morgan Securities plc	10-Oct-2019 16:19:25	20	6406.0000	XLON	01502015000127108-E0fk4PTX3Kgm20191010
J.P. Morgan Securities plc	10-Oct-2019 16:19:25	79	6406.0000	XLON	11502115000127063-E0fk4PTX3Kgk20191010
J.P. Morgan Securities plc	10-Oct-2019 16:19:25	4	6406.0000	XLON	01502015000127118-E0fk4PTX3Kgg20191010
J.P. Morgan Securities plc	10-Oct-2019 16:19:25	74	6406.0000	XLON	11502115000127096-E0fk4PTX3Kgo20191010
J.P. Morgan Securities plc	10-Oct-2019 16:20:29	33	6404.0000	XLON	11502115000127476-E0fk4PTX3NJ920191010
J.P. Morgan Securities plc	10-Oct-2019 16:20:29	145	6404.0000	XLON	11502115000127480-E0fk4PTX3NJB20191010
J.P. Morgan Securities plc	10-Oct-2019 16:20:29	166	6404.0000	XLON	01502015000127475-E0fk4PTX3NJ720191010
J.P. Morgan Securities plc	10-Oct-2019 16:21:07	19	6402.0000	XLON	11502115000127670-E0fk4PTX3Otx20191010
J.P. Morgan Securities plc	10-Oct-2019 16:21:07	4	6402.0000	XLON	11502115000127627-E0fk4PTX3Oty20191010
J.P. Morgan Securities plc	10-Oct-2019 16:21:07	75	6402.0000	XLON	11502115000127670-E0fk4PTX3Otv20191010
J.P. Morgan Securities plc	10-Oct-2019 16:21:07	31	6402.0000	XLON	01502015000127690-E0fk4PTX3Ote20191010
J.P. Morgan Securities plc	10-Oct-2019 16:21:07	24	6402.0000	XLON	01502015000127657-E0fk4PTX3Ota20191010
J.P. Morgan Securities plc	10-Oct-2019 16:21:07	10	6402.0000	XLON	01502015000127644-E0fk4PTX3Otw20191010
J.P. Morgan Securities plc	10-Oct-2019 16:21:07	54	6402.0000	XLON	11502115000127614-E0fk4PTX3Otu20191010
J.P. Morgan Securities plc	10-Oct-2019 16:21:07	55	6402.0000	XLON	01502015000127683-E0fk4PTX3Otc20191010
J.P. Morgan Securities plc	10-Oct-2019 16:21:07	31	6402.0000	XLON	01502015000127694-E0fk4PTX3Ouf20191010
J.P. Morgan Securities plc	10-Oct-2019 16:22:07	29	6402.0000	XLON	01502015000127970-E0fk4PTX3Qk220191010
J.P. Morgan Securities plc	10-Oct-2019 16:22:07	33	6402.0000	XLON	01502015000127970-E0fk4PTX3Qk020191010
J.P. Morgan Securities plc	10-Oct-2019 16:22:22	62	6402.0000	XLON	01502015000128025-E0fk4PTX3R5r20191010
J.P. Morgan Securities plc	10-Oct-2019 16:22:47	17	6404.0000	XLON	01502015000128124-E0fk4PTX3Rj720191010
J.P. Morgan Securities plc	10-Oct-2019 16:22:47	4	6404.0000	XLON	01502015000128124-E0fk4PTX3Rj520191010
J.P. Morgan Securities plc	10-Oct-2019 16:22:47	75	6404.0000	XLON	01502015000128124-E0fk4PTX3Rj920191010
J.P. Morgan Securities plc	10-Oct-2019 16:22:47	9	6404.0000	XLON	01502015000128124-E0fk4PTX3RjB20191010
J.P. Morgan Securities plc	10-Oct-2019 16:23:15	3	6404.0000	XLON	11502115000128203-E0fk4PTX3Sp720191010
J.P. Morgan Securities plc	10-Oct-2019 16:23:15	34	6404.0000	XLON	11502115000128197-E0fk4PTX3Sp320191010
J.P. Morgan Securities plc	10-Oct-2019 16:23:15	85	6404.0000	XLON	01502015000128238-E0fk4PTX3Sp120191010
J.P. Morgan Securities plc	10-Oct-2019 16:23:15	12	6404.0000	XLON	11502115000128205-E0fk4PTX3Sp920191010
J.P. Morgan Securities plc	10-Oct-2019 16:23:15	48	6404.0000	XLON	01502015000128217-E0fk4PTX3Sov20191010
J.P. Morgan Securities plc	10-Oct-2019 16:23:15	15	6404.0000	XLON	01502015000128227-E0fk4PTX3Soz20191010
J.P. Morgan Securities plc	10-Oct-2019 16:23:15	20	6404.0000	XLON	11502115000128211-E0fk4PTX3SpF20191010
J.P. Morgan Securities plc	10-Oct-2019 16:23:15	26	6404.0000	XLON	01502015000128250-E0fk4PTX3SpB20191010
J.P. Morgan Securities plc	10-Oct-2019 16:24:01	57	6400.0000	XLON	11502115000128378-E0fk4PTX3U7820191010
J.P. Morgan Securities plc	10-Oct-2019 16:24:15	41	6400.0000	XLON	11502115000128427-E0fk4PTX3Ua020191010
J.P. Morgan Securities plc	10-Oct-2019 16:24:24	49	6400.0000	XLON	11502115000128455-E0fk4PTX3Up020191010
J.P. Morgan Securities plc	10-Oct-2019 16:24:36	49	6400.0000	XLON	01502015000128507-E0fk4PTX3V1L20191010
J.P. Morgan Securities plc	10-Oct-2019 16:24:36	57	6398.0000	XLON	01502015000128399-E0fk4PTX3V1O20191010
J.P. Morgan Securities plc	10-Oct-2019 16:25:01	41	6400.0000	XLON	11502115000128567-E0fk4PTX3VxL20191010
J.P. Morgan Securities plc	10-Oct-2019 16:25:10	53	6400.0000	XLON	11502115000128609-E0fk4PTX3Wft20191010
J.P. Morgan Securities plc	10-Oct-2019 16:26:33	42	6400.0000	XLON	11502115000128991-E0fk4PTX3YSc20191010
J.P. Morgan Securities plc	10-Oct-2019 16:26:33	291	6400.0000	XLON	01502015000129017-E0fk4PTX3YSX20191010
J.P. Morgan Securities plc	10-Oct-2019 16:26:33	45	6400.0000	XLON	01502015000129018-E0fk4PTX3YSe20191010
J.P. Morgan Securities plc	10-Oct-2019 16:26:49	129	6398.0000	XLON	01502015000128912-E0fk4PTX3Yo620191010
J.P. Morgan Securities plc	10-Oct-2019 16:26:49	246	6398.0000	XLON	11502115000128887-E0fk4PTX3Yo420191010
J.P. Morgan Securities plc	10-Oct-2019 16:28:28	87	6400.0000	XLON	11502115000129375-E0fk4PTX3cDK20191010
J.P. Morgan Securities plc	10-Oct-2019 16:28:35	58	6400.0000	XLON	11502115000129405-E0fk4PTX3cMq20191010
J.P. Morgan Securities plc	10-Oct-2019 16:28:49	49	6400.0000	XLON	01502015000129494-E0fk4PTX3cpP20191010
J.P. Morgan Securities plc	10-Oct-2019 16:29:00	45	6400.0000	XLON	11502115000129490-E0fk4PTX3dMC20191010
J.P. Morgan Securities plc	10-Oct-2019 16:29:09	41	6400.0000	XLON	11502115000129526-E0fk4PTX3dro20191010

J.P. Morgan Securities plc	10-Oct-2019 16:29:12	82	6398.0000	XLON	01502015000129449-E0fk4PTX3e5U20191010
J.P. Morgan Securities plc	10-Oct-2019 16:29:36	62	6398.0000	XLON	11502115000129633-E0fk4PTX3fjW20191010
J.P. Morgan Securities plc	10-Oct-2019 16:29:49	51	6400.0000	XLON	01502015000129734-E0fk4PTX3gNf20191010
J.P. Morgan Securities plc	10-Oct-2019 16:29:49	6	6400.0000	XLON	01502015000129734-E0fk4PTX3gNh20191010
J.P. Morgan Securities plc	10-Oct-2019 16:29:58	74	6400.0000	XLON	11502115000129733-E0fk4PTX3gsI20191010