

Broker	Transaction Date and Time	Volume	Price (GBP)	Trading Venue	Transaction Reference Number
J.P. Morgan Securities plc	21-Dec-2023 08:01:38	159	3621.0000	XLON	64003640000000407-E0H5YYhefDKS20231221
J.P. Morgan Securities plc	21-Dec-2023 08:01:38	173	3621.0000	XLON	60003600000000399-E0H5YYhefDKQ20231221
J.P. Morgan Securities plc	21-Dec-2023 08:02:38	188	3618.0000	XLON	60003600000000400-E0H5YYhefGYg20231221
J.P. Morgan Securities plc	21-Dec-2023 08:03:34	28	3618.0000	XLON	64003640000000434-E0H5YYhefIdJ20231221
J.P. Morgan Securities plc	21-Dec-2023 08:03:34	155	3616.0000	XLON	60003600000000415-E0H5YYhefleE20231221
J.P. Morgan Securities plc	21-Dec-2023 08:03:34	169	3618.0000	XLON	64003640000000434-E0H5YYhefIdL20231221
J.P. Morgan Securities plc	21-Dec-2023 08:05:25	161	3624.0000	XLON	64003640000000465-E0H5YYhefNKA20231221
J.P. Morgan Securities plc	21-Dec-2023 08:05:26	161	3622.0000	XLON	64003640000000475-E0H5YYhefNN920231221
J.P. Morgan Securities plc	21-Dec-2023 08:06:00	147	3622.0000	XLON	60003600000000467-E0H5YYhefO2d20231221
J.P. Morgan Securities plc	21-Dec-2023 08:06:00	134	3621.0000	XLON	60003600000000456-E0H5YYhefO3m20231221
J.P. Morgan Securities plc	21-Dec-2023 08:06:05	198	3621.0000	XLON	64003640000000485-E0H5YYhefOEP20231221
J.P. Morgan Securities plc	21-Dec-2023 08:06:34	198	3621.0000	XLON	60003600000000486-E0H5YYhefOiZ20231221
J.P. Morgan Securities plc	21-Dec-2023 08:07:03	172	3623.0000	XLON	64003640000000508-E0H5YYhefPMo20231221
J.P. Morgan Securities plc	21-Dec-2023 08:07:23	198	3621.0000	XLON	60003600000000490-E0H5YYhefPni20231221
J.P. Morgan Securities plc	21-Dec-2023 08:11:13	175	3625.0000	XLON	64003640000000570-E0H5YYhefVJ20231221
J.P. Morgan Securities plc	21-Dec-2023 08:13:35	147	3629.0000	XLON	64003640000000658-E0H5YYhefYZJ20231221
J.P. Morgan Securities plc	21-Dec-2023 08:13:35	169	3628.0000	XLON	60003600000000645-E0H5YYhefYah20231221
J.P. Morgan Securities plc	21-Dec-2023 08:13:38	10	3627.0000	XLON	60003600000000624-E0H5YYhefYcg20231221
J.P. Morgan Securities plc	21-Dec-2023 08:13:38	128	3627.0000	XLON	60003600000000624-E0H5YYhefYci20231221
J.P. Morgan Securities plc	21-Dec-2023 08:14:41	145	3627.0000	XLON	60003600000000673-E0H5YYhefZYm20231221
J.P. Morgan Securities plc	21-Dec-2023 08:15:05	132	3627.0000	XLON	64003640000000698-E0H5YYhefabe20231221
J.P. Morgan Securities plc	21-Dec-2023 08:15:27	24	3627.0000	XLON	64003640000000714-E0H5YYhefb2j20231221
J.P. Morgan Securities plc	21-Dec-2023 08:15:27	12	3627.0000	XLON	64003640000000714-E0H5YYhefb2p20231221
J.P. Morgan Securities plc	21-Dec-2023 08:15:27	66	3627.0000	XLON	64003640000000714-E0H5YYhefb2l20231221
J.P. Morgan Securities plc	21-Dec-2023 08:15:27	12	3627.0000	XLON	64003640000000714-E0H5YYhefb2n20231221
J.P. Morgan Securities plc	21-Dec-2023 08:15:45	83	3627.0000	XLON	64003640000000721-E0H5YYhefbH520231221
J.P. Morgan Securities plc	21-Dec-2023 08:16:00	121	3628.0000	XLON	60003600000000712-E0H5YYhefbTb20231221
J.P. Morgan Securities plc	21-Dec-2023 08:17:24	167	3628.0000	XLON	64003640000000740-E0H5YYhefd2020231221
J.P. Morgan Securities plc	21-Dec-2023 08:17:25	119	3628.0000	XLON	64003640000000756-E0H5YYhefd2n20231221
J.P. Morgan Securities plc	21-Dec-2023 08:17:26	120	3627.0000	XLON	64003640000000730-E0H5YYhefd3q20231221
J.P. Morgan Securities plc	21-Dec-2023 08:17:26	155	3628.0000	XLON	60003600000000737-E0H5YYhefd3a20231221
J.P. Morgan Securities plc	21-Dec-2023 08:17:52	179	3627.0000	XLON	60003600000000746-E0H5YYhefdZn20231221
J.P. Morgan Securities plc	21-Dec-2023 08:18:21	130	3627.0000	XLON	64003640000000771-E0H5YYhefep20231221
J.P. Morgan Securities plc	21-Dec-2023 08:18:43	153	3627.0000	XLON	60003600000000755-E0H5YYhefeUC20231221
J.P. Morgan Securities plc	21-Dec-2023 08:19:08	11	3627.0000	XLON	60003600000000765-E0H5YYheff3k20231221
J.P. Morgan Securities plc	21-Dec-2023 08:20:39	140	3627.0000	XLON	64003640000000813-E0H5YYhefgWh20231221
J.P. Morgan Securities plc	21-Dec-2023 08:21:04	53	3627.0000	XLON	60003600000000800-E0H5YYhefh8G20231221
J.P. Morgan Securities plc	21-Dec-2023 08:21:19	98	3628.0000	XLON	60003600000000804-E0H5YYhefhd220231221
J.P. Morgan Securities plc	21-Dec-2023 08:21:19	19	3628.0000	XLON	60003600000000804-E0H5YYhefhd420231221
J.P. Morgan Securities plc	21-Dec-2023 08:22:39	129	3629.0000	XLON	64003640000000838-E0H5YYheficz20231221
J.P. Morgan Securities plc	21-Dec-2023 08:22:42	24	3629.0000	XLON	60003600000000829-E0H5YYhefiik20231221
J.P. Morgan Securities plc	21-Dec-2023 08:23:04	151	3629.0000	XLON	60003600000000836-E0H5YYhefjBs20231221
J.P. Morgan Securities plc	21-Dec-2023 08:23:07	24	3629.0000	XLON	64003640000000856-E0H5YYhefjGV20231221
J.P. Morgan Securities plc	21-Dec-2023 08:23:32	103	3629.0000	XLON	60003600000000839-E0H5YYhefjY320231221
J.P. Morgan Securities plc	21-Dec-2023 08:23:59	113	3629.0000	XLON	60003600000000845-E0H5YYhefjsO20231221
J.P. Morgan Securities plc	21-Dec-2023 08:23:59	49	3629.0000	XLON	60003600000000845-E0H5YYhefjsM20231221
J.P. Morgan Securities plc	21-Dec-2023 08:24:00	24	3629.0000	XLON	64003640000000867-E0H5YYhefju720231221
J.P. Morgan Securities plc	21-Dec-2023 08:24:03	24	3629.0000	XLON	60003600000000849-E0H5YYhefk1620231221
J.P. Morgan Securities plc	21-Dec-2023 08:25:10	174	3629.0000	XLON	60003600000000851-E0H5YYhefl2H20231221
J.P. Morgan Securities plc	21-Dec-2023 08:25:21	8	3629.0000	XLON	60003600000000875-E0H5YYheflv20231221
J.P. Morgan Securities plc	21-Dec-2023 08:25:21	24	3629.0000	XLON	60003600000000875-E0H5YYheflv20231221
J.P. Morgan Securities plc	21-Dec-2023 08:25:21	67	3629.0000	XLON	60003600000000875-E0H5YYheflq20231221
J.P. Morgan Securities plc	21-Dec-2023 08:26:05	127	3629.0000	XLON	60003600000000903-E0H5YYhefmEz20231221
J.P. Morgan Securities plc	21-Dec-2023 08:26:42	21	3629.0000	XLON	60003600000000929-E0H5YYhefn1R20231221
J.P. Morgan Securities plc	21-Dec-2023 08:26:54	115	3629.0000	XLON	64003640000000952-E0H5YYhefnC120231221
J.P. Morgan Securities plc	21-Dec-2023 08:27:13	183	3629.0000	XLON	64003640000000963-E0H5YYhefnd720231221
J.P. Morgan Securities plc	21-Dec-2023 08:27:20	151	3627.0000	XLON	64003640000000893-E0H5YYhefnx320231221
J.P. Morgan Securities plc	21-Dec-2023 08:28:36	132	3627.0000	XLON	64003640000000990-E0H5YYhefov20231221
J.P. Morgan Securities plc	21-Dec-2023 08:28:37	24	3627.0000	XLON	60003600000000989-E0H5YYhefory20231221
J.P. Morgan Securities plc	21-Dec-2023 08:28:37	47	3627.0000	XLON	60003600000000989-E0H5YYhefory420231221
J.P. Morgan Securities plc	21-Dec-2023 08:28:40	144	3627.0000	XLON	64003640000001008-E0H5YYhefp2n20231221
J.P. Morgan Securities plc	21-Dec-2023 08:29:09	144	3627.0000	XLON	60003600000001006-E0H5YYhefpKY20231221
J.P. Morgan Securities plc	21-Dec-2023 08:29:50	31	3628.0000	XLON	64003640000001043-E0H5YYhefpsk20231221
J.P. Morgan Securities plc	21-Dec-2023 08:29:50	89	3628.0000	XLON	64003640000001043-E0H5YYhefpsi20231221
J.P. Morgan Securities plc	21-Dec-2023 08:29:52	24	3628.0000	XLON	64003640000001053-E0H5YYhefpu120231221

J.P. Morgan Securities plc	21-Dec-2023 08:31:21	143	3630.0000	XLON	60003600000001071-E0H5YYhefs1d20231221
J.P. Morgan Securities plc	21-Dec-2023 08:31:21	183	3631.0000	XLON	64003640000001380-E0H5YYhefs1T20231221
J.P. Morgan Securities plc	21-Dec-2023 08:32:08	145	3630.0000	XLON	64003640000001409-E0H5YYhefsfs20231221
J.P. Morgan Securities plc	21-Dec-2023 08:32:08	49	3630.0000	XLON	64003640000001409-E0H5YYhefsfu20231221
J.P. Morgan Securities plc	21-Dec-2023 08:32:11	24	3630.0000	XLON	60003600000001396-E0H5YYhefsih20231221
J.P. Morgan Securities plc	21-Dec-2023 08:33:25	141	3630.0000	XLON	64003640000001443-E0H5YYheftVn20231221
J.P. Morgan Securities plc	21-Dec-2023 08:33:25	160	3628.0000	XLON	64003640000001425-E0H5YYheftWg20231221
J.P. Morgan Securities plc	21-Dec-2023 08:34:20	251	3627.0000	XLON	60003600000001437-E0H5YYhefuRp20231221
J.P. Morgan Securities plc	21-Dec-2023 08:34:22	176	3626.0000	XLON	60003600000001427-E0H5YYhefuVb20231221
J.P. Morgan Securities plc	21-Dec-2023 08:39:43	214	3637.0000	XLON	64003640000001639-E0H5YYheg11D20231221
J.P. Morgan Securities plc	21-Dec-2023 08:39:44	191	3637.0000	XLON	60003600000001635-E0H5YYheg12420231221
J.P. Morgan Securities plc	21-Dec-2023 08:39:48	159	3637.0000	XLON	60003600000001636-E0H5YYheg16O20231221
J.P. Morgan Securities plc	21-Dec-2023 08:39:49	163	3637.0000	XLON	60003600000001638-E0H5YYheg19W20231221
J.P. Morgan Securities plc	21-Dec-2023 08:39:57	196	3637.0000	XLON	64003640000001647-E0H5YYheg1FY20231221
J.P. Morgan Securities plc	21-Dec-2023 08:39:57	194	3637.0000	XLON	60003600000001645-E0H5YYheg1Fm20231221
J.P. Morgan Securities plc	21-Dec-2023 08:39:58	164	3637.0000	XLON	64003640000001649-E0H5YYheg1Gs20231221
J.P. Morgan Securities plc	21-Dec-2023 08:40:06	161	3636.0000	XLON	60003600000001629-E0H5YYheg11y20231221
J.P. Morgan Securities plc	21-Dec-2023 08:41:31	217	3636.0000	XLON	60003600000001649-E0H5YYheg2JZ20231221
J.P. Morgan Securities plc	21-Dec-2023 08:41:41	68	3636.0000	XLON	64003640000001690-E0H5YYheg2Va20231221
J.P. Morgan Securities plc	21-Dec-2023 08:41:41	12	3636.0000	XLON	64003640000001690-E0H5YYheg2Vc20231221
J.P. Morgan Securities plc	21-Dec-2023 08:41:41	46	3636.0000	XLON	64003640000001690-E0H5YYheg2VY20231221
J.P. Morgan Securities plc	21-Dec-2023 08:42:03	97	3634.0000	XLON	64003640000001655-E0H5YYheg2sq20231221
J.P. Morgan Securities plc	21-Dec-2023 08:42:03	103	3634.0000	XLON	64003640000001655-E0H5YYheg2so20231221
J.P. Morgan Securities plc	21-Dec-2023 08:42:08	208	3633.0000	XLON	64003640000001700-E0H5YYheg31w20231221
J.P. Morgan Securities plc	21-Dec-2023 08:42:08	178	3633.0000	XLON	64003640000001700-E0H5YYheg31u20231221
J.P. Morgan Securities plc	21-Dec-2023 08:42:08	46	3633.0000	XLON	64003640000001700-E0H5YYheg31y20231221
J.P. Morgan Securities plc	21-Dec-2023 08:45:08	208	3634.0000	XLON	60003600000001729-E0H5YYheg5AI20231221
J.P. Morgan Securities plc	21-Dec-2023 08:45:08	24	3634.0000	XLON	60003600000001743-E0H5YYheg5DQ20231221
J.P. Morgan Securities plc	21-Dec-2023 08:45:28	105	3635.0000	XLON	60003600000001744-E0H5YYheg5Va20231221
J.P. Morgan Securities plc	21-Dec-2023 08:45:28	65	3635.0000	XLON	60003600000001744-E0H5YYheg5Vc20231221
J.P. Morgan Securities plc	21-Dec-2023 08:46:03	209	3636.0000	XLON	60003600000001748-E0H5YYheg5z620231221
J.P. Morgan Securities plc	21-Dec-2023 08:46:40	90	3636.0000	XLON	64003640000001787-E0H5YYheg6UV20231221
J.P. Morgan Securities plc	21-Dec-2023 08:47:19	126	3635.0000	XLON	64003640000001771-E0H5YYheg6yG20231221
J.P. Morgan Securities plc	21-Dec-2023 08:47:19	210	3636.0000	XLON	60003600000001776-E0H5YYheg6xd20231221
J.P. Morgan Securities plc	21-Dec-2023 08:47:19	58	3635.0000	XLON	64003640000001771-E0H5YYheg6yl20231221
J.P. Morgan Securities plc	21-Dec-2023 08:47:20	24	3635.0000	XLON	64003640000001808-E0H5YYheg6zX20231221
J.P. Morgan Securities plc	21-Dec-2023 08:47:20	48	3635.0000	XLON	64003640000001808-E0H5YYheg6zZ20231221
J.P. Morgan Securities plc	21-Dec-2023 08:47:53	6	3632.0000	XLON	60003600000001720-E0H5YYheg7KW20231221
J.P. Morgan Securities plc	21-Dec-2023 08:47:53	184	3632.0000	XLON	60003600000001720-E0H5YYheg7KU20231221
J.P. Morgan Securities plc	21-Dec-2023 08:49:56	192	3634.0000	XLON	64003640000001836-E0H5YYheg9QE20231221
J.P. Morgan Securities plc	21-Dec-2023 08:49:56	216	3633.0000	XLON	60003600000001810-E0H5YYheg9Qh20231221
J.P. Morgan Securities plc	21-Dec-2023 08:50:27	184	3633.0000	XLON	64003640000001847-E0H5YYheg9Xd20231221
J.P. Morgan Securities plc	21-Dec-2023 08:50:55	107	3632.0000	XLON	60003600000001831-E0H5YYhegADq20231221
J.P. Morgan Securities plc	21-Dec-2023 08:50:55	77	3632.0000	XLON	60003600000001831-E0H5YYhegADI20231221
J.P. Morgan Securities plc	21-Dec-2023 08:53:00	71	3630.0000	XLON	64003640000001861-E0H5YYhegBtt20231221
J.P. Morgan Securities plc	21-Dec-2023 08:53:00	233	3630.0000	XLON	64003640000001861-E0H5YYhegBtr20231221
J.P. Morgan Securities plc	21-Dec-2023 08:53:37	83	3631.0000	XLON	64003640000001882-E0H5YYhegCWT20231221
J.P. Morgan Securities plc	21-Dec-2023 08:53:50	179	3631.0000	XLON	60003600000001871-E0H5YYhegCac20231221
J.P. Morgan Securities plc	21-Dec-2023 08:53:50	65	3631.0000	XLON	60003600000001871-E0H5YYhegCaa20231221
J.P. Morgan Securities plc	21-Dec-2023 08:54:25	167	3631.0000	XLON	60003600000001885-E0H5YYhegCwK20231221
J.P. Morgan Securities plc	21-Dec-2023 08:54:25	11	3631.0000	XLON	60003600000001885-E0H5YYhegCy520231221
J.P. Morgan Securities plc	21-Dec-2023 08:55:08	207	3630.0000	XLON	64003640000001877-E0H5YYhegDix20231221
J.P. Morgan Securities plc	21-Dec-2023 08:56:51	24	3633.0000	XLON	64003640000001922-E0H5YYhegEus20231221
J.P. Morgan Securities plc	21-Dec-2023 08:57:59	195	3633.0000	XLON	64003640000001930-E0H5YYhegFgx20231221
J.P. Morgan Securities plc	21-Dec-2023 08:57:59	232	3633.0000	XLON	60003600000001906-E0H5YYhegFgv20231221
J.P. Morgan Securities plc	21-Dec-2023 08:58:20	140	3633.0000	XLON	64003640000001946-E0H5YYhegGOP20231221
J.P. Morgan Securities plc	21-Dec-2023 08:59:09	247	3633.0000	XLON	64003640000001967-E0H5YYhegGM720231221
J.P. Morgan Securities plc	21-Dec-2023 09:01:17	26	3635.0000	XLON	60003600000002023-E0H5YYhegIW320231221
J.P. Morgan Securities plc	21-Dec-2023 09:01:17	182	3635.0000	XLON	60003600000002023-E0H5YYhegIW120231221
J.P. Morgan Securities plc	21-Dec-2023 09:01:21	207	3634.0000	XLON	60003600000001998-E0H5YYhegIZk20231221
J.P. Morgan Securities plc	21-Dec-2023 09:01:36	207	3633.0000	XLON	60003600000001991-E0H5YYhegInt20231221
J.P. Morgan Securities plc	21-Dec-2023 09:02:37	24	3636.0000	XLON	60003600000002058-E0H5YYhegJnt20231221
J.P. Morgan Securities plc	21-Dec-2023 09:03:14	209	3636.0000	XLON	64003640000002071-E0H5YYhegKH420231221
J.P. Morgan Securities plc	21-Dec-2023 09:03:14	17	3636.0000	XLON	64003640000002071-E0H5YYhegKH220231221
J.P. Morgan Securities plc	21-Dec-2023 09:03:48	224	3635.0000	XLON	64003640000002080-E0H5YYhegKdL20231221
J.P. Morgan Securities plc	21-Dec-2023 09:04:25	157	3635.0000	XLON	64003640000002089-E0H5YYhegLbX20231221

J.P. Morgan Securities plc	21-Dec-2023 09:05:10	229	3634.0000	XLON	64003640000002051-E0H5YYhegLaX20231221
J.P. Morgan Securities plc	21-Dec-2023 09:05:45	221	3634.0000	XLON	64003640000002101-E0H5YYhegM2i20231221
J.P. Morgan Securities plc	21-Dec-2023 09:06:12	12	3634.0000	XLON	64003640000002107-E0H5YYhegMa420231221
J.P. Morgan Securities plc	21-Dec-2023 09:06:12	15	3634.0000	XLON	64003640000002107-E0H5YYhegMa220231221
J.P. Morgan Securities plc	21-Dec-2023 09:06:12	35	3634.0000	XLON	64003640000002107-E0H5YYhegMa020231221
J.P. Morgan Securities plc	21-Dec-2023 09:06:12	24	3634.0000	XLON	64003640000002107-E0H5YYhegMa620231221
J.P. Morgan Securities plc	21-Dec-2023 09:06:16	166	3633.0000	XLON	60003600000002095-E0H5YYhegMbk20231221
J.P. Morgan Securities plc	21-Dec-2023 09:06:16	18	3633.0000	XLON	60003600000002095-E0H5YYhegMbh20231221
J.P. Morgan Securities plc	21-Dec-2023 09:06:54	188	3630.0000	XLON	60003600000002075-E0H5YYhegNJ20231221
J.P. Morgan Securities plc	21-Dec-2023 09:07:08	62	3629.0000	XLON	60003600000002120-E0H5YYhegNUu20231221
J.P. Morgan Securities plc	21-Dec-2023 09:07:45	195	3629.0000	XLON	60003600000002124-E0H5YYhegNwZ20231221
J.P. Morgan Securities plc	21-Dec-2023 09:08:22	109	3629.0000	XLON	64003640000002127-E0H5YYhegOHP20231221
J.P. Morgan Securities plc	21-Dec-2023 09:08:49	26	3628.0000	XLON	60003600000002136-E0H5YYhegOmW20231221
J.P. Morgan Securities plc	21-Dec-2023 09:08:49	220	3628.0000	XLON	60003600000002136-E0H5YYhegOmY20231221
J.P. Morgan Securities plc	21-Dec-2023 09:09:30	168	3628.0000	XLON	60003600000002149-E0H5YYhegPNR20231221
J.P. Morgan Securities plc	21-Dec-2023 09:09:36	246	3627.0000	XLON	60003600000002110-E0H5YYhegPSG20231221
J.P. Morgan Securities plc	21-Dec-2023 09:09:42	90	3626.0000	XLON	64003640000002149-E0H5YYhegPXh20231221
J.P. Morgan Securities plc	21-Dec-2023 09:10:58	177	3626.0000	XLON	64003640000002177-E0H5YYhegQeR20231221
J.P. Morgan Securities plc	21-Dec-2023 09:11:53	171	3628.0000	XLON	64003640000002202-E0H5YYhegRHj20231221
J.P. Morgan Securities plc	21-Dec-2023 09:11:53	29	3628.0000	XLON	64003640000002202-E0H5YYhegRHh20231221
J.P. Morgan Securities plc	21-Dec-2023 09:12:03	94	3627.0000	XLON	60003600000002192-E0H5YYhegROS20231221
J.P. Morgan Securities plc	21-Dec-2023 09:14:29	89	3628.0000	XLON	64003640000002229-E0H5YYhegT1K20231221
J.P. Morgan Securities plc	21-Dec-2023 09:16:19	17	3631.0000	XLON	64003640000002261-E0H5YYhegVEE20231221
J.P. Morgan Securities plc	21-Dec-2023 09:16:31	194	3631.0000	XLON	64003640000002261-E0H5YYhegVSN20231221
J.P. Morgan Securities plc	21-Dec-2023 09:16:55	244	3631.0000	XLON	60003600000002257-E0H5YYhegVsc20231221
J.P. Morgan Securities plc	21-Dec-2023 09:16:56	24	3631.0000	XLON	64003640000002272-E0H5YYhegVtp20231221
J.P. Morgan Securities plc	21-Dec-2023 09:16:56	96	3631.0000	XLON	64003640000002272-E0H5YYhegVtr20231221
J.P. Morgan Securities plc	21-Dec-2023 09:16:57	212	3631.0000	XLON	60003600000002264-E0H5YYhegVvc20231221
J.P. Morgan Securities plc	21-Dec-2023 09:17:02	58	3632.0000	XLON	64003640000002277-E0H5YYhegW1K20231221
J.P. Morgan Securities plc	21-Dec-2023 09:17:02	24	3632.0000	XLON	64003640000002277-E0H5YYhegW1M20231221
J.P. Morgan Securities plc	21-Dec-2023 09:17:04	24	3632.0000	XLON	60003600000002267-E0H5YYhegW2M20231221
J.P. Morgan Securities plc	21-Dec-2023 09:17:17	24	3632.0000	XLON	64003640000002280-E0H5YYhegWBN20231221
J.P. Morgan Securities plc	21-Dec-2023 09:17:51	88	3632.0000	XLON	64003640000002289-E0H5YYhegWTy20231221
J.P. Morgan Securities plc	21-Dec-2023 09:17:51	110	3632.0000	XLON	60003600000002272-E0H5YYhegWt020231221
J.P. Morgan Securities plc	21-Dec-2023 09:17:51	101	3632.0000	XLON	60003600000002277-E0H5YYhegWTw20231221
J.P. Morgan Securities plc	21-Dec-2023 09:17:51	32	3632.0000	XLON	60003600000002277-E0H5YYhegWTq20231221
J.P. Morgan Securities plc	21-Dec-2023 09:17:51	102	3632.0000	XLON	60003600000002278-E0H5YYhegWU020231221
J.P. Morgan Securities plc	21-Dec-2023 09:19:08	27	3631.0000	XLON	64003640000002305-E0H5YYhegXB720231221
J.P. Morgan Securities plc	21-Dec-2023 09:19:28	281	3631.0000	XLON	60003600000002295-E0H5YYhegXSF20231221
J.P. Morgan Securities plc	21-Dec-2023 09:21:13	221	3632.0000	XLON	64003640000002332-E0H5YYhegZM120231221
J.P. Morgan Securities plc	21-Dec-2023 09:21:25	239	3631.0000	XLON	60003600000002313-E0H5YYhegZTR20231221
J.P. Morgan Securities plc	21-Dec-2023 09:22:08	110	3631.0000	XLON	64003640000002346-E0H5YYhega4s20231221
J.P. Morgan Securities plc	21-Dec-2023 09:22:36	151	3630.0000	XLON	64003640000002324-E0H5YYhegaLG20231221
J.P. Morgan Securities plc	21-Dec-2023 09:22:36	70	3630.0000	XLON	64003640000002324-E0H5YYhegaLX20231221
J.P. Morgan Securities plc	21-Dec-2023 09:23:21	238	3629.0000	XLON	64003640000002357-E0H5YYhegD20231221
J.P. Morgan Securities plc	21-Dec-2023 09:24:25	50	3627.0000	XLON	60003600000002360-E0H5YYhegbfZ20231221
J.P. Morgan Securities plc	21-Dec-2023 09:24:29	152	3627.0000	XLON	60003600000002360-E0H5YYhegbhc20231221
J.P. Morgan Securities plc	21-Dec-2023 09:24:35	22	3627.0000	XLON	60003600000002360-E0H5YYhegbnQ20231221
J.P. Morgan Securities plc	21-Dec-2023 09:25:26	19	3627.0000	XLON	60003600000002360-E0H5YYhegcOt20231221
J.P. Morgan Securities plc	21-Dec-2023 09:25:30	185	3627.0000	XLON	64003640000002395-E0H5YYhegcU20231221
J.P. Morgan Securities plc	21-Dec-2023 09:25:35	184	3626.0000	XLON	60003600000002330-E0H5YYhegcWV20231221
J.P. Morgan Securities plc	21-Dec-2023 09:28:27	195	3628.0000	XLON	64003640000002441-E0H5YYhegX320231221
J.P. Morgan Securities plc	21-Dec-2023 09:32:39	234	3634.0000	XLON	64003640000002498-E0H5YYhegiG620231221
J.P. Morgan Securities plc	21-Dec-2023 09:32:49	175	3634.0000	XLON	60003600000002502-E0H5YYhegiQ320231221
J.P. Morgan Securities plc	21-Dec-2023 09:33:16	171	3633.0000	XLON	64003640000002494-E0H5YYhegieD20231221
J.P. Morgan Securities plc	21-Dec-2023 09:33:16	72	3633.0000	XLON	64003640000002494-E0H5YYhegieL20231221
J.P. Morgan Securities plc	21-Dec-2023 09:33:48	25	3633.0000	XLON	64003640000002532-E0H5YYhegj1s20231221
J.P. Morgan Securities plc	21-Dec-2023 09:33:48	36	3633.0000	XLON	64003640000002532-E0H5YYhegj1u20231221
J.P. Morgan Securities plc	21-Dec-2023 09:34:25	24	3633.0000	XLON	60003600000002533-E0H5YYhegjgY20231221
J.P. Morgan Securities plc	21-Dec-2023 09:34:25	43	3633.0000	XLON	60003600000002533-E0H5YYhegjgW20231221
J.P. Morgan Securities plc	21-Dec-2023 09:35:23	77	3633.0000	XLON	64003640000002551-E0H5YYhegkMd20231221
J.P. Morgan Securities plc	21-Dec-2023 09:35:23	166	3633.0000	XLON	64003640000002551-E0H5YYhegkMf20231221
J.P. Morgan Securities plc	21-Dec-2023 09:35:28	24	3633.0000	XLON	60003600000002544-E0H5YYhegkPL20231221
J.P. Morgan Securities plc	21-Dec-2023 09:36:05	287	3633.0000	XLON	60003600000002556-E0H5YYhegl4I20231221
J.P. Morgan Securities plc	21-Dec-2023 09:38:24	329	3633.0000	XLON	60003600000002563-E0H5YYhegmlk20231221
J.P. Morgan Securities plc	21-Dec-2023 09:39:23	225	3632.0000	XLON	60003600000002573-E0H5YYhegmtO20231221

J.P. Morgan Securities plc	21-Dec-2023 09:39:23	35	3632.0000	XLON	60003600000002573-E0H5YYhegmtQ20231221
J.P. Morgan Securities plc	21-Dec-2023 09:39:25	24	3632.0000	XLON	60003600000002579-E0H5YYhegmxC20231221
J.P. Morgan Securities plc	21-Dec-2023 09:39:25	12	3632.0000	XLON	60003600000002579-E0H5YYhegmxE20231221
J.P. Morgan Securities plc	21-Dec-2023 09:40:16	80	3632.0000	XLON	64003640000002597-E0H5YYhegnNn20231221
J.P. Morgan Securities plc	21-Dec-2023 09:40:16	1	3632.0000	XLON	64003640000002597-E0H5YYhegnNs20231221
J.P. Morgan Securities plc	21-Dec-2023 09:40:26	207	3631.0000	XLON	64003640000002499-E0H5YYhegnXq20231221
J.P. Morgan Securities plc	21-Dec-2023 09:40:27	24	3631.0000	XLON	60003600000002593-E0H5YYhegnZa20231221
J.P. Morgan Securities plc	21-Dec-2023 09:40:27	47	3631.0000	XLON	60003600000002593-E0H5YYhegnZc20231221
J.P. Morgan Securities plc	21-Dec-2023 09:41:04	13	3631.0000	XLON	60003600000002611-E0H5YYhegozB20231221
J.P. Morgan Securities plc	21-Dec-2023 09:41:04	18	3631.0000	XLON	60003600000002611-E0H5YYhegoz320231221
J.P. Morgan Securities plc	21-Dec-2023 09:41:04	77	3631.0000	XLON	60003600000002611-E0H5YYhegoz720231221
J.P. Morgan Securities plc	21-Dec-2023 09:41:04	40	3631.0000	XLON	60003600000002611-E0H5YYhegoz520231221
J.P. Morgan Securities plc	21-Dec-2023 09:41:04	91	3631.0000	XLON	60003600000002611-E0H5YYhegoz920231221
J.P. Morgan Securities plc	21-Dec-2023 09:44:09	329	3635.0000	XLON	64003640000002678-E0H5YYhegrZg20231221
J.P. Morgan Securities plc	21-Dec-2023 09:45:27	28	3635.0000	XLON	60003600000002679-E0H5YYhegsH920231221
J.P. Morgan Securities plc	21-Dec-2023 09:45:37	48	3635.0000	XLON	60003600000002679-E0H5YYhegsOK20231221
J.P. Morgan Securities plc	21-Dec-2023 09:45:37	156	3635.0000	XLON	60003600000002679-E0H5YYhegsON20231221
J.P. Morgan Securities plc	21-Dec-2023 09:45:50	243	3634.0000	XLON	60003600000002661-E0H5YYhegsbw20231221
J.P. Morgan Securities plc	21-Dec-2023 09:46:24	266	3633.0000	XLON	64003640000002672-E0H5YYhegt0u20231221
J.P. Morgan Securities plc	21-Dec-2023 09:50:16	256	3634.0000	XLON	60003600000002739-E0H5YYhegvsN20231221
J.P. Morgan Securities plc	21-Dec-2023 09:50:25	12	3634.0000	XLON	64003640000002760-E0H5YYhegvva20231221
J.P. Morgan Securities plc	21-Dec-2023 09:53:25	30	3634.0000	XLON	60003600000002744-E0H5YYhegxwJ20231221
J.P. Morgan Securities plc	21-Dec-2023 09:53:25	57	3634.0000	XLON	60003600000002744-E0H5YYhegxwF20231221
J.P. Morgan Securities plc	21-Dec-2023 09:53:25	174	3634.0000	XLON	60003600000002744-E0H5YYhegxwC20231221
J.P. Morgan Securities plc	21-Dec-2023 09:53:25	97	3634.0000	XLON	60003600000002744-E0H5YYhegxwN20231221
J.P. Morgan Securities plc	21-Dec-2023 09:53:26	155	3633.0000	XLON	64003640000002766-E0H5YYhegyF20231221
J.P. Morgan Securities plc	21-Dec-2023 09:53:26	142	3633.0000	XLON	64003640000002766-E0H5YYhegyK20231221
J.P. Morgan Securities plc	21-Dec-2023 09:53:26	32	3633.0000	XLON	64003640000002766-E0H5YYhegyI20231221
J.P. Morgan Securities plc	21-Dec-2023 09:53:26	4	3633.0000	XLON	64003640000002766-E0H5YYhegyD20231221
J.P. Morgan Securities plc	21-Dec-2023 09:53:50	78	3633.0000	XLON	64003640000002824-E0H5YYhegy9y20231221
J.P. Morgan Securities plc	21-Dec-2023 09:53:57	206	3633.0000	XLON	64003640000002824-E0H5YYhegyG920231221
J.P. Morgan Securities plc	21-Dec-2023 09:54:47	284	3632.0000	XLON	60003600000002814-E0H5YYhegz9M20231221
J.P. Morgan Securities plc	21-Dec-2023 09:56:08	66	3632.0000	XLON	64003640000002873-E0H5YYheh0OU20231221
J.P. Morgan Securities plc	21-Dec-2023 09:56:08	230	3632.0000	XLON	64003640000002873-E0H5YYheh0OW20231221
J.P. Morgan Securities plc	21-Dec-2023 09:58:36	295	3633.0000	XLON	64003640000002912-E0H5YYheh2Fm20231221
J.P. Morgan Securities plc	21-Dec-2023 10:00:03	9	3633.0000	XLON	60003600000002939-E0H5YYheh3Os20231221
J.P. Morgan Securities plc	21-Dec-2023 10:00:03	52	3633.0000	XLON	60003600000002939-E0H5YYheh3Ou20231221
J.P. Morgan Securities plc	21-Dec-2023 10:00:03	245	3632.0000	XLON	60003600000002893-E0H5YYheh3P620231221
J.P. Morgan Securities plc	21-Dec-2023 10:00:41	74	3632.0000	XLON	64003640000002957-E0H5YYheh4Oo20231221
J.P. Morgan Securities plc	21-Dec-2023 10:00:41	203	3632.0000	XLON	64003640000002957-E0H5YYheh4Os20231221
J.P. Morgan Securities plc	21-Dec-2023 10:00:41	252	3632.0000	XLON	60003600000002947-E0H5YYheh4Ou20231221
J.P. Morgan Securities plc	21-Dec-2023 10:03:33	134	3631.0000	XLON	60003600000003043-E0H5YYheh73W20231221
J.P. Morgan Securities plc	21-Dec-2023 10:03:33	172	3631.0000	XLON	60003600000003043-E0H5YYheh73T20231221
J.P. Morgan Securities plc	21-Dec-2023 10:03:34	20	3630.0000	XLON	64003640000003018-E0H5YYheh76x20231221
J.P. Morgan Securities plc	21-Dec-2023 10:03:34	262	3630.0000	XLON	64003640000003018-E0H5YYheh77220231221
J.P. Morgan Securities plc	21-Dec-2023 10:04:25	132	3629.0000	XLON	60003600000003049-E0H5YYheh84620231221
J.P. Morgan Securities plc	21-Dec-2023 10:04:25	89	3629.0000	XLON	60003600000003049-E0H5YYheh84320231221
J.P. Morgan Securities plc	21-Dec-2023 10:04:27	32	3628.0000	XLON	64003640000003066-E0H5YYheh87h20231221
J.P. Morgan Securities plc	21-Dec-2023 10:04:27	169	3628.0000	XLON	64003640000003066-E0H5YYheh87j20231221
J.P. Morgan Securities plc	21-Dec-2023 10:06:07	30	3628.0000	XLON	60003600000003084-E0H5YYheh9JA20231221
J.P. Morgan Securities plc	21-Dec-2023 10:06:07	250	3628.0000	XLON	60003600000003084-E0H5YYheh9j820231221
J.P. Morgan Securities plc	21-Dec-2023 10:06:27	200	3627.0000	XLON	64003640000003093-E0H5YYhehA0y20231221
J.P. Morgan Securities plc	21-Dec-2023 10:08:08	20	3627.0000	XLON	60003600000003112-E0H5YYhehBiz20231221
J.P. Morgan Securities plc	21-Dec-2023 10:08:28	155	3627.0000	XLON	60003600000003112-E0H5YYhehBud20231221
J.P. Morgan Securities plc	21-Dec-2023 10:09:25	278	3628.0000	XLON	64003640000003161-E0H5YYhehCpv20231221
J.P. Morgan Securities plc	21-Dec-2023 10:10:02	187	3627.0000	XLON	64003640000003150-E0H5YYhehDF20231221
J.P. Morgan Securities plc	21-Dec-2023 10:13:54	274	3628.0000	XLON	64003640000003193-E0H5YYhehFix20231221
J.P. Morgan Securities plc	21-Dec-2023 10:13:54	74	3628.0000	XLON	60003600000003196-E0H5YYhehFJ120231221
J.P. Morgan Securities plc	21-Dec-2023 10:15:18	68	3630.0000	XLON	64003640000003214-E0H5YYhehGj220231221
J.P. Morgan Securities plc	21-Dec-2023 10:15:27	12	3630.0000	XLON	64003640000003232-E0H5YYhehGye20231221
J.P. Morgan Securities plc	21-Dec-2023 10:17:16	389	3631.0000	XLON	60003600000003223-E0H5YYhehIFU20231221
J.P. Morgan Securities plc	21-Dec-2023 10:17:26	276	3630.0000	XLON	64003640000003232-E0H5YYhehIOU20231221
J.P. Morgan Securities plc	21-Dec-2023 10:17:39	128	3629.0000	XLON	60003600000003198-E0H5YYhehIYZ20231221
J.P. Morgan Securities plc	21-Dec-2023 10:17:39	161	3629.0000	XLON	64003640000003215-E0H5YYhehIYb20231221
J.P. Morgan Securities plc	21-Dec-2023 10:19:55	307	3629.0000	XLON	60003600000003267-E0H5YYhehKPx20231221
J.P. Morgan Securities plc	21-Dec-2023 10:22:34	319	3630.0000	XLON	64003640000003330-E0H5YYhehM7c20231221

J.P. Morgan Securities plc	21-Dec-2023 10:23:14	51	3629.0000	XLON	64003640000003309-E0H5YYhehMkD20231221
J.P. Morgan Securities plc	21-Dec-2023 10:23:14	178	3629.0000	XLON	64003640000003309-E0H5YYhehMkD20231221
J.P. Morgan Securities plc	21-Dec-2023 10:23:25	298	3628.0000	XLON	60003600000003291-E0H5YYhehMpU20231221
J.P. Morgan Securities plc	21-Dec-2023 10:26:50	370	3629.0000	XLON	60003600000003355-E0H5YYhehOse20231221
J.P. Morgan Securities plc	21-Dec-2023 10:26:50	231	3628.0000	XLON	60003600000003335-E0H5YYhehOta20231221
J.P. Morgan Securities plc	21-Dec-2023 10:29:25	151	3629.0000	XLON	60003600000003400-E0H5YYhehQMR20231221
J.P. Morgan Securities plc	21-Dec-2023 10:30:02	25	3629.0000	XLON	60003600000003422-E0H5YYhehQnh20231221
J.P. Morgan Securities plc	21-Dec-2023 10:30:25	110	3629.0000	XLON	64003640000003467-E0H5YYhehR8l20231221
J.P. Morgan Securities plc	21-Dec-2023 10:30:25	24	3629.0000	XLON	64003640000003467-E0H5YYhehR8n20231221
J.P. Morgan Securities plc	21-Dec-2023 10:34:15	199	3630.0000	XLON	60003600000003496-E0H5YYhehTiw20231221
J.P. Morgan Securities plc	21-Dec-2023 10:34:15	204	3630.0000	XLON	64003640000003524-E0H5YYhehTiu20231221
J.P. Morgan Securities plc	21-Dec-2023 10:34:15	85	3630.0000	XLON	64003640000003525-E0H5YYhehTiy20231221
J.P. Morgan Securities plc	21-Dec-2023 10:36:25	252	3629.0000	XLON	60003600000003524-E0H5YYhehVDZ20231221
J.P. Morgan Securities plc	21-Dec-2023 10:36:41	54	3629.0000	XLON	60003600000003537-E0H5YYhehVWR20231221
J.P. Morgan Securities plc	21-Dec-2023 10:36:41	48	3629.0000	XLON	60003600000003537-E0H5YYhehVWP20231221
J.P. Morgan Securities plc	21-Dec-2023 10:39:00	303	3629.0000	XLON	60003600000003540-E0H5YYhehWk820231221
J.P. Morgan Securities plc	21-Dec-2023 10:39:04	139	3628.0000	XLON	60003600000003497-E0H5YYhehWq220231221
J.P. Morgan Securities plc	21-Dec-2023 10:39:04	88	3628.0000	XLON	60003600000003497-E0H5YYhehWq420231221
J.P. Morgan Securities plc	21-Dec-2023 10:41:23	316	3628.0000	XLON	64003640000003620-E0H5YYhehYj720231221
J.P. Morgan Securities plc	21-Dec-2023 10:41:26	226	3627.0000	XLON	60003600000003592-E0H5YYhehYoj20231221
J.P. Morgan Securities plc	21-Dec-2023 10:46:22	144	3627.0000	XLON	60003600000003616-E0H5YYhehc6d20231221
J.P. Morgan Securities plc	21-Dec-2023 10:46:22	26	3627.0000	XLON	60003600000003616-E0H5YYhehc6g20231221
J.P. Morgan Securities plc	21-Dec-2023 10:46:22	50	3627.0000	XLON	60003600000003616-E0H5YYhehc6j20231221
J.P. Morgan Securities plc	21-Dec-2023 10:46:22	52	3627.0000	XLON	60003600000003616-E0H5YYhehc6m20231221
J.P. Morgan Securities plc	21-Dec-2023 10:46:22	19	3627.0000	XLON	64003640000003655-E0H5YYhehc6q20231221
J.P. Morgan Securities plc	21-Dec-2023 10:46:22	175	3627.0000	XLON	64003640000003655-E0H5YYhehc6o20231221
J.P. Morgan Securities plc	21-Dec-2023 10:47:36	107	3627.0000	XLON	64003640000003778-E0H5YYhehdCV20231221
J.P. Morgan Securities plc	21-Dec-2023 10:47:36	150	3627.0000	XLON	60003600000003747-E0H5YYhehdCc20231221
J.P. Morgan Securities plc	21-Dec-2023 10:47:36	143	3627.0000	XLON	60003600000003747-E0H5YYhehdCX20231221
J.P. Morgan Securities plc	21-Dec-2023 10:47:36	120	3627.0000	XLON	64003640000003778-E0H5YYhehdCT20231221
J.P. Morgan Securities plc	21-Dec-2023 10:47:56	90	3625.0000	XLON	64003640000003700-E0H5YYhehdTJ20231221
J.P. Morgan Securities plc	21-Dec-2023 10:47:56	8	3625.0000	XLON	64003640000003700-E0H5YYhehdTI20231221
J.P. Morgan Securities plc	21-Dec-2023 10:47:56	136	3625.0000	XLON	60003600000003605-E0H5YYhehdTh20231221
J.P. Morgan Securities plc	21-Dec-2023 10:47:56	46	3625.0000	XLON	64003640000003700-E0H5YYhehdTn20231221
J.P. Morgan Securities plc	21-Dec-2023 10:51:04	36	3626.0000	XLON	60003600000003810-E0H5YYhehFb20231221
J.P. Morgan Securities plc	21-Dec-2023 10:51:04	60	3626.0000	XLON	60003600000003810-E0H5YYhehFd20231221
J.P. Morgan Securities plc	21-Dec-2023 10:51:41	80	3626.0000	XLON	60003600000003817-E0H5YYhehFYW20231221
J.P. Morgan Securities plc	21-Dec-2023 10:52:07	31	3626.0000	XLON	64003640000003882-E0H5YYhehfm20231221
J.P. Morgan Securities plc	21-Dec-2023 10:52:55	133	3626.0000	XLON	60003600000003827-E0H5YYhehgYq20231221
J.P. Morgan Securities plc	21-Dec-2023 10:52:55	152	3626.0000	XLON	60003600000003827-E0H5YYhehgYt20231221
J.P. Morgan Securities plc	21-Dec-2023 10:56:13	26	3629.0000	XLON	60003600000003936-E0H5YYhehJd820231221
J.P. Morgan Securities plc	21-Dec-2023 10:56:19	238	3628.0000	XLON	60003600000003921-E0H5YYhehJfw20231221
J.P. Morgan Securities plc	21-Dec-2023 10:56:50	19	3628.0000	XLON	60003600000003942-E0H5YYhehJnp20231221
J.P. Morgan Securities plc	21-Dec-2023 10:56:50	3	3628.0000	XLON	60003600000003942-E0H5YYhehJoj20231221
J.P. Morgan Securities plc	21-Dec-2023 10:56:50	134	3628.0000	XLON	60003600000003942-E0H5YYhehJnt20231221
J.P. Morgan Securities plc	21-Dec-2023 10:57:58	168	3628.0000	XLON	64003640000004027-E0H5YYhehkJn20231221
J.P. Morgan Securities plc	21-Dec-2023 10:57:58	119	3628.0000	XLON	64003640000004027-E0H5YYhehkJv20231221
J.P. Morgan Securities plc	21-Dec-2023 10:58:35	32	3628.0000	XLON	60003600000003964-E0H5YYhehkuW20231221
J.P. Morgan Securities plc	21-Dec-2023 10:59:14	34	3628.0000	XLON	60003600000003975-E0H5YYhehIhJ20231221
J.P. Morgan Securities plc	21-Dec-2023 10:59:22	284	3628.0000	XLON	64003640000004038-E0H5YYhehIK020231221
J.P. Morgan Securities plc	21-Dec-2023 10:59:59	3	3628.0000	XLON	60003600000003993-E0H5YYhehIwK20231221
J.P. Morgan Securities plc	21-Dec-2023 11:00:27	35	3629.0000	XLON	64003640000004061-E0H5YYhehMNB20231221
J.P. Morgan Securities plc	21-Dec-2023 11:00:27	90	3629.0000	XLON	64003640000004061-E0H5YYhehMn920231221
J.P. Morgan Securities plc	21-Dec-2023 11:00:27	47	3629.0000	XLON	64003640000004061-E0H5YYhehMn520231221
J.P. Morgan Securities plc	21-Dec-2023 11:00:27	24	3629.0000	XLON	64003640000004061-E0H5YYhehMnD20231221
J.P. Morgan Securities plc	21-Dec-2023 11:00:27	8	3629.0000	XLON	64003640000004061-E0H5YYhehMn720231221
J.P. Morgan Securities plc	21-Dec-2023 11:03:25	210	3629.0000	XLON	64003640000004076-E0H5YYheho8420231221
J.P. Morgan Securities plc	21-Dec-2023 11:03:48	11	3629.0000	XLON	64003640000004097-E0H5YYhehoLQ20231221
J.P. Morgan Securities plc	21-Dec-2023 11:04:05	226	3628.0000	XLON	60003600000004007-E0H5YYhehoVV20231221
J.P. Morgan Securities plc	21-Dec-2023 11:04:05	12	3628.0000	XLON	60003600000004007-E0H5YYhehoV20231221
J.P. Morgan Securities plc	21-Dec-2023 11:05:25	8	3628.0000	XLON	64003640000004111-E0H5YYhehPH20231221
J.P. Morgan Securities plc	21-Dec-2023 11:08:29	70	3628.0000	XLON	64003640000004142-E0H5YYhehrLN20231221
J.P. Morgan Securities plc	21-Dec-2023 11:08:29	86	3628.0000	XLON	64003640000004135-E0H5YYhehrLL20231221
J.P. Morgan Securities plc	21-Dec-2023 11:08:29	158	3629.0000	XLON	60003600000004097-E0H5YYhehrKk20231221
J.P. Morgan Securities plc	21-Dec-2023 11:08:29	103	3628.0000	XLON	64003640000004111-E0H5YYhehrLJ20231221
J.P. Morgan Securities plc	21-Dec-2023 11:08:29	35	3629.0000	XLON	60003600000004097-E0H5YYhehrKm20231221

J.P. Morgan Securities plc	21-Dec-2023 11:09:04	243	3628.0000	XLON	60003600000004114-E0H5YYhehrbg20231221
J.P. Morgan Securities plc	21-Dec-2023 11:09:04	20	3628.0000	XLON	60003600000004114-E0H5YYhehrd20231221
J.P. Morgan Securities plc	21-Dec-2023 11:09:04	9	3627.0000	XLON	64003640000004158-E0H5YYhehriE20231221
J.P. Morgan Securities plc	21-Dec-2023 11:09:04	131	3627.0000	XLON	60003600000004061-E0H5YYhehrhx20231221
J.P. Morgan Securities plc	21-Dec-2023 11:09:04	65	3627.0000	XLON	64003640000004158-E0H5YYhehrjN20231221
J.P. Morgan Securities plc	21-Dec-2023 11:10:02	90	3627.0000	XLON	64003640000004165-E0H5YYhehsWs20231221
J.P. Morgan Securities plc	21-Dec-2023 11:14:17	195	3629.0000	XLON	60003600000004164-E0H5YYhehvFx20231221
J.P. Morgan Securities plc	21-Dec-2023 11:14:17	247	3629.0000	XLON	64003640000004203-E0H5YYhehvFz20231221
J.P. Morgan Securities plc	21-Dec-2023 11:14:19	24	3629.0000	XLON	60003600000004186-E0H5YYhehvHs20231221
J.P. Morgan Securities plc	21-Dec-2023 11:14:19	48	3629.0000	XLON	60003600000004186-E0H5YYhehvHu20231221
J.P. Morgan Securities plc	21-Dec-2023 11:15:28	63	3629.0000	XLON	60003600000004193-E0H5YYhehvtU20231221
J.P. Morgan Securities plc	21-Dec-2023 11:19:01	110	3628.0000	XLON	60003600000004245-E0H5YYhehyFR20231221
J.P. Morgan Securities plc	21-Dec-2023 11:19:01	24	3628.0000	XLON	60003600000004245-E0H5YYhehyFT20231221
J.P. Morgan Securities plc	21-Dec-2023 11:19:01	56	3628.0000	XLON	60003600000004245-E0H5YYhehyFV20231221
J.P. Morgan Securities plc	21-Dec-2023 11:19:01	285	3628.0000	XLON	64003640000004238-E0H5YYhehyEb20231221
J.P. Morgan Securities plc	21-Dec-2023 11:19:02	55	3628.0000	XLON	64003640000004287-E0H5YYhehyI820231221
J.P. Morgan Securities plc	21-Dec-2023 11:19:04	200	3628.0000	XLON	64003640000004287-E0H5YYhehyM120231221
J.P. Morgan Securities plc	21-Dec-2023 11:19:04	24	3628.0000	XLON	64003640000004289-E0H5YYhehyMU20231221
J.P. Morgan Securities plc	21-Dec-2023 11:19:06	103	3628.0000	XLON	60003600000004252-E0H5YYhehyPa20231221
J.P. Morgan Securities plc	21-Dec-2023 11:19:06	78	3628.0000	XLON	60003600000004252-E0H5YYhehyQ220231221
J.P. Morgan Securities plc	21-Dec-2023 11:20:24	3	3628.0000	XLON	60003600000004252-E0H5YYhehz9t20231221
J.P. Morgan Securities plc	21-Dec-2023 11:20:46	102	3628.0000	XLON	64003640000004312-E0H5YYhehzHU20231221
J.P. Morgan Securities plc	21-Dec-2023 11:20:46	53	3628.0000	XLON	64003640000004312-E0H5YYhehzHM20231221
J.P. Morgan Securities plc	21-Dec-2023 11:20:47	25	3628.0000	XLON	64003640000004312-E0H5YYhehzH20231221
J.P. Morgan Securities plc	21-Dec-2023 11:22:44	55	3628.0000	XLON	60003600000004322-E0H5YYhei0YS20231221
J.P. Morgan Securities plc	21-Dec-2023 11:23:02	160	3628.0000	XLON	60003600000004322-E0H5YYhei0i620231221
J.P. Morgan Securities plc	21-Dec-2023 11:23:05	219	3627.0000	XLON	60003600000004280-E0H5YYhei0IA20231221
J.P. Morgan Securities plc	21-Dec-2023 11:23:05	51	3627.0000	XLON	60003600000004280-E0H5YYhei0I820231221
J.P. Morgan Securities plc	21-Dec-2023 11:24:25	4	3627.0000	XLON	64003640000004372-E0H5YYhei1Vp20231221
J.P. Morgan Securities plc	21-Dec-2023 11:28:15	195	3627.0000	XLON	60003600000004343-E0H5YYhei3nP20231221
J.P. Morgan Securities plc	21-Dec-2023 11:28:15	25	3627.0000	XLON	64003640000004372-E0H5YYhei3nN20231221
J.P. Morgan Securities plc	21-Dec-2023 11:28:15	250	3627.0000	XLON	64003640000004372-E0H5YYhei3nK20231221
J.P. Morgan Securities plc	21-Dec-2023 11:28:16	25	3627.0000	XLON	64003640000004415-E0H5YYhei3p420231221
J.P. Morgan Securities plc	21-Dec-2023 11:28:16	95	3627.0000	XLON	64003640000004415-E0H5YYhei3p020231221
J.P. Morgan Securities plc	21-Dec-2023 11:28:16	45	3627.0000	XLON	64003640000004415-E0H5YYhei3p220231221
J.P. Morgan Securities plc	21-Dec-2023 11:28:16	24	3627.0000	XLON	64003640000004415-E0H5YYhei3oy20231221
J.P. Morgan Securities plc	21-Dec-2023 11:30:22	220	3626.0000	XLON	60003600000004389-E0H5YYhei5UI20231221
J.P. Morgan Securities plc	21-Dec-2023 11:30:25	8	3626.0000	XLON	64003640000004443-E0H5YYhei5X20231221
J.P. Morgan Securities plc	21-Dec-2023 11:30:34	46	3625.0000	XLON	60003600000004422-E0H5YYhei5c120231221
J.P. Morgan Securities plc	21-Dec-2023 11:31:54	176	3625.0000	XLON	60003600000004422-E0H5YYhei6N020231221
J.P. Morgan Securities plc	21-Dec-2023 11:32:00	32	3624.0000	XLON	64003640000004449-E0H5YYhei6T720231221
J.P. Morgan Securities plc	21-Dec-2023 11:32:00	110	3624.0000	XLON	64003640000004449-E0H5YYhei6T120231221
J.P. Morgan Securities plc	21-Dec-2023 11:32:00	80	3624.0000	XLON	64003640000004449-E0H5YYhei6T920231221
J.P. Morgan Securities plc	21-Dec-2023 11:33:23	12	3624.0000	XLON	60003600000004450-E0H5YYhei7AN20231221
J.P. Morgan Securities plc	21-Dec-2023 11:36:58	80	3627.0000	XLON	64003640000004537-E0H5YYhei9Ro20231221
J.P. Morgan Securities plc	21-Dec-2023 11:36:58	24	3627.0000	XLON	60003600000004508-E0H5YYhei9SO20231221
J.P. Morgan Securities plc	21-Dec-2023 11:36:58	166	3627.0000	XLON	64003640000004537-E0H5YYhei9Rm20231221
J.P. Morgan Securities plc	21-Dec-2023 11:36:58	24	3627.0000	XLON	60003600000004508-E0H5YYhei9SQ20231221
J.P. Morgan Securities plc	21-Dec-2023 11:37:02	113	3627.0000	XLON	64003640000004541-E0H5YYhei9X520231221
J.P. Morgan Securities plc	21-Dec-2023 11:37:02	111	3627.0000	XLON	64003640000004541-E0H5YYhei9X820231221
J.P. Morgan Securities plc	21-Dec-2023 11:38:03	197	3627.0000	XLON	60003600000004509-E0H5YYhei9q420231221
J.P. Morgan Securities plc	21-Dec-2023 11:38:03	94	3627.0000	XLON	60003600000004509-E0H5YYhei9q220231221
J.P. Morgan Securities plc	21-Dec-2023 11:38:04	24	3627.0000	XLON	60003600000004525-E0H5YYhei9rm20231221
J.P. Morgan Securities plc	21-Dec-2023 11:38:04	67	3627.0000	XLON	60003600000004525-E0H5YYhei9rk20231221
J.P. Morgan Securities plc	21-Dec-2023 11:38:05	24	3627.0000	XLON	64003640000004560-E0H5YYhei9t520231221
J.P. Morgan Securities plc	21-Dec-2023 11:38:06	24	3627.0000	XLON	60003600000004527-E0H5YYhei9tq20231221
J.P. Morgan Securities plc	21-Dec-2023 11:38:54	250	3627.0000	XLON	64003640000004561-E0H5YYheiAP020231221
J.P. Morgan Securities plc	21-Dec-2023 11:38:55	24	3627.0000	XLON	60003600000004538-E0H5YYheiAQP20231221
J.P. Morgan Securities plc	21-Dec-2023 11:40:25	270	3628.0000	XLON	60003600000004559-E0H5YYheiBLC20231221
J.P. Morgan Securities plc	21-Dec-2023 11:40:26	145	3628.0000	XLON	64003640000004599-E0H5YYheiBLx20231221
J.P. Morgan Securities plc	21-Dec-2023 11:40:26	24	3628.0000	XLON	64003640000004599-E0H5YYheiBLv20231221
J.P. Morgan Securities plc	21-Dec-2023 11:40:26	47	3628.0000	XLON	64003640000004599-E0H5YYheiBLt20231221
J.P. Morgan Securities plc	21-Dec-2023 11:41:00	314	3628.0000	XLON	60003600000004564-E0H5YYheiBhr20231221
J.P. Morgan Securities plc	21-Dec-2023 11:41:24	2	3627.0000	XLON	64003640000004601-E0H5YYheiBus20231221
J.P. Morgan Securities plc	21-Dec-2023 11:41:24	222	3627.0000	XLON	64003640000004601-E0H5YYheiBuu20231221
J.P. Morgan Securities plc	21-Dec-2023 11:45:12	86	3629.0000	XLON	60003600000004634-E0H5YYheiDug20231221

J.P. Morgan Securities plc	21-Dec-2023 11:45:12	37	3629.0000	XLON	60003600000004634-E0H5YYheiDui20231221
J.P. Morgan Securities plc	21-Dec-2023 11:45:12	66	3629.0000	XLON	60003600000004634-E0H5YYheiDuk20231221
J.P. Morgan Securities plc	21-Dec-2023 11:45:12	41	3629.0000	XLON	60003600000004634-E0H5YYheiDum20231221
J.P. Morgan Securities plc	21-Dec-2023 11:45:29	34	3629.0000	XLON	64003640000004687-E0H5YYheiE3w20231221
J.P. Morgan Securities plc	21-Dec-2023 11:45:29	64	3629.0000	XLON	64003640000004687-E0H5YYheiE3y20231221
J.P. Morgan Securities plc	21-Dec-2023 11:46:06	35	3629.0000	XLON	60003600000004646-E0H5YYheiEvp20231221
J.P. Morgan Securities plc	21-Dec-2023 11:46:43	7	3629.0000	XLON	64003640000004699-E0H5YYheiEtl20231221
J.P. Morgan Securities plc	21-Dec-2023 11:46:43	34	3629.0000	XLON	64003640000004699-E0H5YYheiEtj20231221
J.P. Morgan Securities plc	21-Dec-2023 11:46:55	183	3628.0000	XLON	60003600000004597-E0H5YYheiExB20231221
J.P. Morgan Securities plc	21-Dec-2023 11:46:55	32	3629.0000	XLON	60003600000004653-E0H5YYheiEx020231221
J.P. Morgan Securities plc	21-Dec-2023 11:46:55	83	3628.0000	XLON	60003600000004597-E0H5YYheiExD20231221
J.P. Morgan Securities plc	21-Dec-2023 11:46:58	40	3627.0000	XLON	60003600000004587-E0H5YYheiF0520231221
J.P. Morgan Securities plc	21-Dec-2023 11:46:58	235	3627.0000	XLON	60003600000004587-E0H5YYheiF0720231221
J.P. Morgan Securities plc	21-Dec-2023 11:49:22	78	3628.0000	XLON	64003640000004742-E0H5YYheiFzx20231221
J.P. Morgan Securities plc	21-Dec-2023 11:49:22	226	3628.0000	XLON	60003600000004689-E0H5YYheiFzv20231221
J.P. Morgan Securities plc	21-Dec-2023 11:50:46	74	3628.0000	XLON	60003600000004714-E0H5YYheiGfs20231221
J.P. Morgan Securities plc	21-Dec-2023 11:50:46	56	3628.0000	XLON	60003600000004714-E0H5YYheiGfV20231221
J.P. Morgan Securities plc	21-Dec-2023 11:50:46	185	3628.0000	XLON	60003600000004714-E0H5YYheiGfV20231221
J.P. Morgan Securities plc	21-Dec-2023 11:50:48	225	3627.0000	XLON	64003640000004768-E0H5YYheiGo920231221
J.P. Morgan Securities plc	21-Dec-2023 11:56:04	2	3628.0000	XLON	64003640000004810-E0H5YYheiKNw20231221
J.P. Morgan Securities plc	21-Dec-2023 11:56:36	46	3628.0000	XLON	64003640000004810-E0H5YYheiKce20231221
J.P. Morgan Securities plc	21-Dec-2023 12:00:27	311	3631.0000	XLON	60003600000004851-E0H5YYheiNfq20231221
J.P. Morgan Securities plc	21-Dec-2023 12:00:27	241	3631.0000	XLON	64003640000004954-E0H5YYheiNh220231221
J.P. Morgan Securities plc	21-Dec-2023 12:00:27	5	3631.0000	XLON	64003640000004954-E0H5YYheiNh020231221
J.P. Morgan Securities plc	21-Dec-2023 12:01:05	25	3631.0000	XLON	64003640000004975-E0H5YYheiO0b20231221
J.P. Morgan Securities plc	21-Dec-2023 12:02:08	293	3633.0000	XLON	60003600000004946-E0H5YYheiOn920231221
J.P. Morgan Securities plc	21-Dec-2023 12:03:20	158	3632.0000	XLON	64003640000004993-E0H5YYheiPOK20231221
J.P. Morgan Securities plc	21-Dec-2023 12:03:20	63	3632.0000	XLON	64003640000004993-E0H5YYheiPOF20231221
J.P. Morgan Securities plc	21-Dec-2023 12:03:26	221	3631.0000	XLON	64003640000004980-E0H5YYheiPRH20231221
J.P. Morgan Securities plc	21-Dec-2023 12:09:07	256	3632.0000	XLON	60003600000005040-E0H5YYheiSCn20231221
J.P. Morgan Securities plc	21-Dec-2023 12:12:37	261	3632.0000	XLON	64003640000005126-E0H5YYheiTVT20231221
J.P. Morgan Securities plc	21-Dec-2023 12:13:49	332	3632.0000	XLON	60003600000005089-E0H5YYheiUUJ20231221
J.P. Morgan Securities plc	21-Dec-2023 12:16:34	328	3631.0000	XLON	60003600000005062-E0H5YYheiW5x20231221
J.P. Morgan Securities plc	21-Dec-2023 12:17:25	92	3630.0000	XLON	64003640000005127-E0H5YYheiWav20231221
J.P. Morgan Securities plc	21-Dec-2023 12:19:11	24	3631.0000	XLON	64003640000005216-E0H5YYheiXcO20231221
J.P. Morgan Securities plc	21-Dec-2023 12:19:11	2	3631.0000	XLON	64003640000005216-E0H5YYheiXcM20231221
J.P. Morgan Securities plc	21-Dec-2023 12:19:12	24	3631.0000	XLON	60003600000005153-E0H5YYheiXck20231221
J.P. Morgan Securities plc	21-Dec-2023 12:19:13	24	3631.0000	XLON	64003640000005217-E0H5YYheiXFY20231221
J.P. Morgan Securities plc	21-Dec-2023 12:19:13	36	3631.0000	XLON	64003640000005217-E0H5YYheiXfW20231221
J.P. Morgan Securities plc	21-Dec-2023 12:19:14	24	3631.0000	XLON	60003600000005154-E0H5YYheiXg620231221
J.P. Morgan Securities plc	21-Dec-2023 12:19:14	81	3631.0000	XLON	60003600000005154-E0H5YYheiXg820231221
J.P. Morgan Securities plc	21-Dec-2023 12:19:19	54	3630.0000	XLON	64003640000005127-E0H5YYheiXt220231221
J.P. Morgan Securities plc	21-Dec-2023 12:19:19	23	3630.0000	XLON	64003640000005187-E0H5YYheiXt420231221
J.P. Morgan Securities plc	21-Dec-2023 12:19:19	39	3630.0000	XLON	64003640000005187-E0H5YYheiXu920231221
J.P. Morgan Securities plc	21-Dec-2023 12:19:24	2	3630.0000	XLON	64003640000005187-E0H5YYheiXzV20231221
J.P. Morgan Securities plc	21-Dec-2023 12:19:24	2	3630.0000	XLON	64003640000005187-E0H5YYheiXza20231221
J.P. Morgan Securities plc	21-Dec-2023 12:19:24	1	3630.0000	XLON	64003640000005187-E0H5YYheiXzd20231221
J.P. Morgan Securities plc	21-Dec-2023 12:19:38	33	3630.0000	XLON	64003640000005187-E0H5YYheiY7W20231221
J.P. Morgan Securities plc	21-Dec-2023 12:19:38	6	3630.0000	XLON	60003600000005132-E0H5YYheiY7Y20231221
J.P. Morgan Securities plc	21-Dec-2023 12:20:17	34	3630.0000	XLON	64003640000005223-E0H5YYheiYUE20231221
J.P. Morgan Securities plc	21-Dec-2023 12:20:17	119	3630.0000	XLON	60003600000005132-E0H5YYheiYUC20231221
J.P. Morgan Securities plc	21-Dec-2023 12:20:24	2	3630.0000	XLON	64003640000005223-E0H5YYheiYbl20231221
J.P. Morgan Securities plc	21-Dec-2023 12:25:50	132	3630.0000	XLON	64003640000005239-E0H5YYheicdX20231221
J.P. Morgan Securities plc	21-Dec-2023 12:25:50	155	3630.0000	XLON	64003640000005239-E0H5YYheicdZ20231221
J.P. Morgan Securities plc	21-Dec-2023 12:25:50	24	3630.0000	XLON	60003600000005235-E0H5YYheiceZ20231221
J.P. Morgan Securities plc	21-Dec-2023 12:25:50	110	3630.0000	XLON	60003600000005235-E0H5YYheiceX20231221
J.P. Morgan Securities plc	21-Dec-2023 12:25:50	25	3630.0000	XLON	60003600000005235-E0H5YYheiceb20231221
J.P. Morgan Securities plc	21-Dec-2023 12:26:03	226	3629.0000	XLON	60003600000005166-E0H5YYheicnp20231221
J.P. Morgan Securities plc	21-Dec-2023 12:26:03	58	3629.0000	XLON	60003600000005166-E0H5YYheicns20231221
J.P. Morgan Securities plc	21-Dec-2023 12:26:44	32	3628.0000	XLON	64003640000005240-E0H5YYheid5220231221
J.P. Morgan Securities plc	21-Dec-2023 12:26:44	113	3628.0000	XLON	64003640000005240-E0H5YYheid4y20231221
J.P. Morgan Securities plc	21-Dec-2023 12:26:44	54	3628.0000	XLON	64003640000005240-E0H5YYheid5520231221
J.P. Morgan Securities plc	21-Dec-2023 12:28:25	10	3627.0000	XLON	64003640000005330-E0H5YYheidvT20231221
J.P. Morgan Securities plc	21-Dec-2023 12:29:05	113	3627.0000	XLON	64003640000005330-E0H5YYheieLK20231221
J.P. Morgan Securities plc	21-Dec-2023 12:29:05	198	3627.0000	XLON	64003640000005330-E0H5YYheieLM20231221
J.P. Morgan Securities plc	21-Dec-2023 12:29:17	2	3627.0000	XLON	60003600000005281-E0H5YYheieTy20231221

J.P. Morgan Securities plc	21-Dec-2023 12:29:18	2	3627.0000	XLON	64003640000005344-E0H5YYheieUZ20231221
J.P. Morgan Securities plc	21-Dec-2023 12:29:18	24	3627.0000	XLON	64003640000005344-E0H5YYheieUX20231221
J.P. Morgan Securities plc	21-Dec-2023 12:29:25	6	3627.0000	XLON	60003600000005282-E0H5YYheieXs20231221
J.P. Morgan Securities plc	21-Dec-2023 12:29:25	2	3627.0000	XLON	60003600000005282-E0H5YYheieXx20231221
J.P. Morgan Securities plc	21-Dec-2023 12:30:25	3	3627.0000	XLON	60003600000005282-E0H5YYheifV420231221
J.P. Morgan Securities plc	21-Dec-2023 12:31:04	226	3627.0000	XLON	60003600000005311-E0H5YYheig1A20231221
J.P. Morgan Securities plc	21-Dec-2023 12:31:09	67	3626.0000	XLON	64003640000005367-E0H5YYheig6y20231221
J.P. Morgan Securities plc	21-Dec-2023 12:31:09	155	3626.0000	XLON	64003640000005367-E0H5YYheig6i20231221
J.P. Morgan Securities plc	21-Dec-2023 12:31:24	5	3626.0000	XLON	64003640000005367-E0H5YYheigHd20231221
J.P. Morgan Securities plc	21-Dec-2023 12:31:41	79	3626.0000	XLON	64003640000005367-E0H5YYheigWD20231221
J.P. Morgan Securities plc	21-Dec-2023 12:33:24	9	3627.0000	XLON	64003640000005414-E0H5YYheihJ20231221
J.P. Morgan Securities plc	21-Dec-2023 12:33:57	228	3627.0000	XLON	64003640000005414-E0H5YYheii7520231221
J.P. Morgan Securities plc	21-Dec-2023 12:33:57	32	3627.0000	XLON	64003640000005414-E0H5YYheii7920231221
J.P. Morgan Securities plc	21-Dec-2023 12:35:21	250	3626.0000	XLON	60003600000005338-E0H5YYheijD20231221
J.P. Morgan Securities plc	21-Dec-2023 12:35:21	18	3626.0000	XLON	60003600000005338-E0H5YYheijG20231221
J.P. Morgan Securities plc	21-Dec-2023 12:38:24	294	3626.0000	XLON	60003600000005420-E0H5YYheijG20231221
J.P. Morgan Securities plc	21-Dec-2023 12:38:24	293	3627.0000	XLON	60003600000005452-E0H5YYheilit20231221
J.P. Morgan Securities plc	21-Dec-2023 12:40:20	251	3626.0000	XLON	60003600000005518-E0H5YYheink420231221
J.P. Morgan Securities plc	21-Dec-2023 12:43:02	242	3626.0000	XLON	64003640000005594-E0H5YYheioQ20231221
J.P. Morgan Securities plc	21-Dec-2023 12:43:02	70	3626.0000	XLON	64003640000005594-E0H5YYheioU20231221
J.P. Morgan Securities plc	21-Dec-2023 12:43:05	28	3625.0000	XLON	60003600000005530-E0H5YYheioKy20231221
J.P. Morgan Securities plc	21-Dec-2023 12:43:05	10	3625.0000	XLON	60003600000005530-E0H5YYheioKq20231221
J.P. Morgan Securities plc	21-Dec-2023 12:43:06	13	3625.0000	XLON	60003600000005530-E0H5YYheioIA20231221
J.P. Morgan Securities plc	21-Dec-2023 12:43:37	38	3625.0000	XLON	60003600000005530-E0H5YYheip2z20231221
J.P. Morgan Securities plc	21-Dec-2023 12:43:37	125	3625.0000	XLON	60003600000005530-E0H5YYheip2x20231221
J.P. Morgan Securities plc	21-Dec-2023 12:43:37	98	3625.0000	XLON	60003600000005530-E0H5YYheip2o20231221
J.P. Morgan Securities plc	21-Dec-2023 12:45:03	25	3627.0000	XLON	64003640000005758-E0H5YYheiqXO20231221
J.P. Morgan Securities plc	21-Dec-2023 12:45:13	81	3626.0000	XLON	60003600000005633-E0H5YYheiqJ20231221
J.P. Morgan Securities plc	21-Dec-2023 12:45:13	8	3626.0000	XLON	60003600000005633-E0H5YYheiqJM20231221
J.P. Morgan Securities plc	21-Dec-2023 12:45:13	117	3626.0000	XLON	60003600000005637-E0H5YYheiqJO20231221
J.P. Morgan Securities plc	21-Dec-2023 12:46:43	86	3626.0000	XLON	60003600000005728-E0H5YYheirQ20231221
J.P. Morgan Securities plc	21-Dec-2023 12:46:43	28	3626.0000	XLON	60003600000005728-E0H5YYheirT20231221
J.P. Morgan Securities plc	21-Dec-2023 12:47:04	84	3626.0000	XLON	60003600000005728-E0H5YYheiryQ20231221
J.P. Morgan Securities plc	21-Dec-2023 12:47:09	24	3626.0000	XLON	64003640000005802-E0H5YYheis1820231221
J.P. Morgan Securities plc	21-Dec-2023 12:47:46	2	3626.0000	XLON	60003600000005739-E0H5YYheisMj20231221
J.P. Morgan Securities plc	21-Dec-2023 12:48:03	51	3626.0000	XLON	64003640000005813-E0H5YYheishU20231221
J.P. Morgan Securities plc	21-Dec-2023 12:48:11	1	3626.0000	XLON	64003640000005813-E0H5YYheiso720231221
J.P. Morgan Securities plc	21-Dec-2023 12:48:25	11	3626.0000	XLON	64003640000005813-E0H5YYheir3F20231221
J.P. Morgan Securities plc	21-Dec-2023 12:48:54	154	3626.0000	XLON	64003640000005813-E0H5YYheirNp20231221
J.P. Morgan Securities plc	21-Dec-2023 12:48:59	24	3626.0000	XLON	60003600000005751-E0H5YYheirSs20231221
J.P. Morgan Securities plc	21-Dec-2023 12:49:05	24	3626.0000	XLON	60003600000005757-E0H5YYheitar20231221
J.P. Morgan Securities plc	21-Dec-2023 12:49:10	48	3626.0000	XLON	64003640000005829-E0H5YYheiteo20231221
J.P. Morgan Securities plc	21-Dec-2023 12:49:10	86	3626.0000	XLON	64003640000005829-E0H5YYheitek20231221
J.P. Morgan Securities plc	21-Dec-2023 12:49:10	76	3626.0000	XLON	64003640000005829-E0H5YYheiteq20231221
J.P. Morgan Securities plc	21-Dec-2023 12:49:10	26	3626.0000	XLON	64003640000005829-E0H5YYheitem20231221
J.P. Morgan Securities plc	21-Dec-2023 12:49:47	77	3626.0000	XLON	60003600000005774-E0H5YYheiuW720231221
J.P. Morgan Securities plc	21-Dec-2023 12:50:23	101	3626.0000	XLON	60003600000005785-E0H5YYheivHI20231221
J.P. Morgan Securities plc	21-Dec-2023 12:50:23	167	3626.0000	XLON	60003600000005785-E0H5YYheivHe20231221
J.P. Morgan Securities plc	21-Dec-2023 12:50:23	4	3626.0000	XLON	60003600000005785-E0H5YYheivHu20231221
J.P. Morgan Securities plc	21-Dec-2023 12:51:42	108	3626.0000	XLON	60003600000005815-E0H5YYheiwH120231221
J.P. Morgan Securities plc	21-Dec-2023 12:53:02	193	3625.0000	XLON	60003600000005787-E0H5YYheiwZ20231221
J.P. Morgan Securities plc	21-Dec-2023 12:56:49	26	3629.0000	XLON	64003640000005972-E0H5YYheizWh20231221
J.P. Morgan Securities plc	21-Dec-2023 12:56:49	88	3629.0000	XLON	64003640000005972-E0H5YYheizWZ20231221
J.P. Morgan Securities plc	21-Dec-2023 12:56:49	90	3629.0000	XLON	64003640000005972-E0H5YYheizWj20231221
J.P. Morgan Securities plc	21-Dec-2023 12:56:50	145	3629.0000	XLON	60003600000005893-E0H5YYheizY720231221
J.P. Morgan Securities plc	21-Dec-2023 12:56:50	118	3629.0000	XLON	60003600000005893-E0H5YYheizY520231221
J.P. Morgan Securities plc	21-Dec-2023 12:57:07	84	3629.0000	XLON	64003640000005973-E0H5YYheizkD20231221
J.P. Morgan Securities plc	21-Dec-2023 13:04:19	264	3630.0000	XLON	64003640000006031-E0H5YYheij56g20231221
J.P. Morgan Securities plc	21-Dec-2023 13:04:19	6	3630.0000	XLON	64003640000006031-E0H5YYheij56e20231221
J.P. Morgan Securities plc	21-Dec-2023 13:04:28	95	3629.0000	XLON	60003600000005942-E0H5YYheij5E20231221
J.P. Morgan Securities plc	21-Dec-2023 13:05:09	113	3629.0000	XLON	60003600000005942-E0H5YYheij5eX20231221
J.P. Morgan Securities plc	21-Dec-2023 13:05:10	6	3628.0000	XLON	64003640000006015-E0H5YYheij5h420231221
J.P. Morgan Securities plc	21-Dec-2023 13:05:10	38	3628.0000	XLON	64003640000006015-E0H5YYheij5h620231221
J.P. Morgan Securities plc	21-Dec-2023 13:05:10	164	3628.0000	XLON	64003640000006015-E0H5YYheij5h920231221
J.P. Morgan Securities plc	21-Dec-2023 13:06:24	2	3628.0000	XLON	60003600000006060-E0H5YYheij6R20231221
J.P. Morgan Securities plc	21-Dec-2023 13:06:58	72	3628.0000	XLON	60003600000006060-E0H5YYheij6r120231221



J.P. Morgan Securities plc	21-Dec-2023 13:06:58	47	3628.0000	XLON	60003600000006060-E0H5Ythej6rj20231221
J.P. Morgan Securities plc	21-Dec-2023 13:07:45	24	3629.0000	XLON	60003600000006094-E0H5Ythej7mZ20231221
J.P. Morgan Securities plc	21-Dec-2023 13:07:46	47	3629.0000	XLON	64003640000006177-E0H5Ythej7NN20231221
J.P. Morgan Securities plc	21-Dec-2023 13:07:46	20	3629.0000	XLON	64003640000006177-E0H5Ythej7NP20231221
J.P. Morgan Securities plc	21-Dec-2023 13:07:46	24	3629.0000	XLON	64003640000006177-E0H5Ythej7NR20231221
J.P. Morgan Securities plc	21-Dec-2023 13:07:47	24	3629.0000	XLON	64003640000006178-E0H5Ythej7Nw20231221
J.P. Morgan Securities plc	21-Dec-2023 13:07:50	189	3629.0000	XLON	60003600000006100-E0H5Ythej7RE20231221
J.P. Morgan Securities plc	21-Dec-2023 13:09:42	3	3631.0000	XLON	64003640000006231-E0H5Ythej8yl20231221
J.P. Morgan Securities plc	21-Dec-2023 13:09:42	2	3631.0000	XLON	64003640000006231-E0H5Ythej8yG20231221
J.P. Morgan Securities plc	21-Dec-2023 13:09:42	24	3631.0000	XLON	64003640000006231-E0H5Ythej8yK20231221
J.P. Morgan Securities plc	21-Dec-2023 13:09:43	5	3631.0000	XLON	60003600000006151-E0H5Ythej8zS20231221
J.P. Morgan Securities plc	21-Dec-2023 13:09:43	236	3631.0000	XLON	60003600000006151-E0H5Ythej8zU20231221
J.P. Morgan Securities plc	21-Dec-2023 13:09:44	132	3631.0000	XLON	64003640000006232-E0H5Ythej8zv20231221
J.P. Morgan Securities plc	21-Dec-2023 13:10:25	2	3632.0000	XLON	60003600000006155-E0H5Ythej9ux20231221
J.P. Morgan Securities plc	21-Dec-2023 13:11:04	71	3631.0000	XLON	64003640000006264-E0H5YthejAKC20231221
J.P. Morgan Securities plc	21-Dec-2023 13:11:04	159	3631.0000	XLON	64003640000006264-E0H5YthejAKF20231221
J.P. Morgan Securities plc	21-Dec-2023 13:11:04	250	3632.0000	XLON	60003600000006175-E0H5YthejAJ620231221
J.P. Morgan Securities plc	21-Dec-2023 13:14:44	300	3631.0000	XLON	60003600000006222-E0H5YthejChk20231221
J.P. Morgan Securities plc	21-Dec-2023 13:18:39	20	3634.0000	XLON	60003600000006287-E0H5YthejFCG20231221
J.P. Morgan Securities plc	21-Dec-2023 13:18:39	131	3634.0000	XLON	60003600000006287-E0H5YthejFBq20231221
J.P. Morgan Securities plc	21-Dec-2023 13:19:18	24	3634.0000	XLON	60003600000006315-E0H5YthejFbx20231221
J.P. Morgan Securities plc	21-Dec-2023 13:19:18	110	3634.0000	XLON	60003600000006315-E0H5YthejFbv20231221
J.P. Morgan Securities plc	21-Dec-2023 13:19:18	220	3634.0000	XLON	60003600000006288-E0H5YthejFbc20231221
J.P. Morgan Securities plc	21-Dec-2023 13:19:19	24	3634.0000	XLON	64003640000006399-E0H5YthejFcr20231221
J.P. Morgan Securities plc	21-Dec-2023 13:20:56	286	3635.0000	XLON	60003600000006336-E0H5YthejGvY20231221
J.P. Morgan Securities plc	21-Dec-2023 13:22:02	239	3634.0000	XLON	64003640000006421-E0H5YthejHbt20231221
J.P. Morgan Securities plc	21-Dec-2023 13:22:02	26	3634.0000	XLON	64003640000006421-E0H5YthejHbw20231221
J.P. Morgan Securities plc	21-Dec-2023 13:22:22	204	3633.0000	XLON	60003600000006337-E0H5YthejHvr20231221
J.P. Morgan Securities plc	21-Dec-2023 13:22:46	25	3633.0000	XLON	60003600000006370-E0H5YthejIKQ20231221
J.P. Morgan Securities plc	21-Dec-2023 13:23:06	86	3632.0000	XLON	64003640000006438-E0H5YthejIY320231221
J.P. Morgan Securities plc	21-Dec-2023 13:23:23	200	3632.0000	XLON	64003640000006438-E0H5YthejJ1i20231221
J.P. Morgan Securities plc	21-Dec-2023 13:25:03	62	3632.0000	XLON	60003600000006397-E0H5YthejKDI20231221
J.P. Morgan Securities plc	21-Dec-2023 13:25:03	68	3632.0000	XLON	60003600000006397-E0H5YthejKDj20231221
J.P. Morgan Securities plc	21-Dec-2023 13:25:03	114	3632.0000	XLON	60003600000006397-E0H5YthejKDh20231221
J.P. Morgan Securities plc	21-Dec-2023 13:27:09	7	3632.0000	XLON	64003640000006517-E0H5YthejLcQ20231221
J.P. Morgan Securities plc	21-Dec-2023 13:27:09	62	3632.0000	XLON	64003640000006517-E0H5YthejLcE20231221
J.P. Morgan Securities plc	21-Dec-2023 13:27:35	36	3632.0000	XLON	64003640000006517-E0H5YthejLkp20231221
J.P. Morgan Securities plc	21-Dec-2023 13:27:35	7	3632.0000	XLON	64003640000006517-E0H5YthejLkl20231221
J.P. Morgan Securities plc	21-Dec-2023 13:27:35	118	3632.0000	XLON	64003640000006517-E0H5YthejLkf20231221
J.P. Morgan Securities plc	21-Dec-2023 13:27:35	21	3632.0000	XLON	64003640000006517-E0H5YthejLkn20231221
J.P. Morgan Securities plc	21-Dec-2023 13:28:24	4	3632.0000	XLON	64003640000006569-E0H5YthejMPa20231221
J.P. Morgan Securities plc	21-Dec-2023 13:28:50	113	3632.0000	XLON	64003640000006569-E0H5YthejMjc20231221
J.P. Morgan Securities plc	21-Dec-2023 13:28:50	73	3632.0000	XLON	64003640000006569-E0H5YthejMcl20231221
J.P. Morgan Securities plc	21-Dec-2023 13:29:26	3	3632.0000	XLON	60003600000006532-E0H5YthejN0i20231221
J.P. Morgan Securities plc	21-Dec-2023 13:29:56	97	3634.0000	XLON	64003640000006646-E0H5YthejO1P20231221
J.P. Morgan Securities plc	21-Dec-2023 13:30:00	224	3631.0000	XLON	60003600000006357-E0H5YthejO8N20231221
J.P. Morgan Securities plc	21-Dec-2023 13:30:00	112	3632.0000	XLON	60003600000006532-E0H5YthejO7U20231221
J.P. Morgan Securities plc	21-Dec-2023 13:30:00	113	3632.0000	XLON	60003600000006532-E0H5YthejO7S20231221
J.P. Morgan Securities plc	21-Dec-2023 13:31:03	183	3631.0000	XLON	60003600000006649-E0H5YthejPNT20231221
J.P. Morgan Securities plc	21-Dec-2023 13:31:03	116	3631.0000	XLON	60003600000006649-E0H5YthejPNR20231221
J.P. Morgan Securities plc	21-Dec-2023 13:31:04	22	3630.0000	XLON	64003640000006724-E0H5YthejPY20231221
J.P. Morgan Securities plc	21-Dec-2023 13:31:38	197	3630.0000	XLON	64003640000006724-E0H5YthejQJG20231221
J.P. Morgan Securities plc	21-Dec-2023 13:32:14	35	3630.0000	XLON	64003640000006814-E0H5YthejRHo20231221
J.P. Morgan Securities plc	21-Dec-2023 13:32:14	166	3630.0000	XLON	64003640000006814-E0H5YthejRHs20231221
J.P. Morgan Securities plc	21-Dec-2023 13:33:23	54	3630.0000	XLON	64003640000006869-E0H5YthejStT20231221
J.P. Morgan Securities plc	21-Dec-2023 13:33:26	299	3629.0000	XLON	60003600000006650-E0H5YthejSxl20231221
J.P. Morgan Securities plc	21-Dec-2023 13:36:38	77	3629.0000	XLON	60003600000006832-E0H5YthejWWX20231221
J.P. Morgan Securities plc	21-Dec-2023 13:36:38	191	3629.0000	XLON	60003600000006832-E0H5YthejWWZ20231221
J.P. Morgan Securities plc	21-Dec-2023 13:38:25	24	3629.0000	XLON	60003600000006928-E0H5YthejY3T20231221
J.P. Morgan Securities plc	21-Dec-2023 13:38:25	142	3629.0000	XLON	64003640000006980-E0H5YthejY3R20231221
J.P. Morgan Securities plc	21-Dec-2023 13:38:40	44	3629.0000	XLON	60003600000006928-E0H5YthejYDI20231221
J.P. Morgan Securities plc	21-Dec-2023 13:38:40	206	3629.0000	XLON	64003640000007019-E0H5YthejYDn20231221
J.P. Morgan Securities plc	21-Dec-2023 13:38:40	2	3629.0000	XLON	64003640000007019-E0H5YthejYDp20231221
J.P. Morgan Securities plc	21-Dec-2023 13:38:40	77	3629.0000	XLON	60003600000006936-E0H5YthejYDr20231221
J.P. Morgan Securities plc	21-Dec-2023 13:39:40	153	3628.0000	XLON	60003600000006749-E0H5YthejYzH20231221
J.P. Morgan Securities plc	21-Dec-2023 13:39:40	10	3628.0000	XLON	60003600000006749-E0H5YthejYzF20231221

J.P. Morgan Securities plc	21-Dec-2023 13:39:52	187	3627.0000	XLON	6000360000006929-E0H5YHejZCv20231221
J.P. Morgan Securities plc	21-Dec-2023 13:40:17	125	3626.0000	XLON	64003640000007034-E0H5YHejZY420231221
J.P. Morgan Securities plc	21-Dec-2023 13:43:33	66	3627.0000	XLON	60003600000006997-E0H5YHejXl20231221
J.P. Morgan Securities plc	21-Dec-2023 13:43:33	163	3627.0000	XLON	60003600000006997-E0H5YHejXf20231221
J.P. Morgan Securities plc	21-Dec-2023 13:43:33	188	3626.0000	XLON	60003600000006988-E0H5YHejXk20231221
J.P. Morgan Securities plc	21-Dec-2023 13:44:38	54	3626.0000	XLON	64003640000007193-E0H5YHejPz20231221
J.P. Morgan Securities plc	21-Dec-2023 13:44:38	25	3626.0000	XLON	64003640000007193-E0H5YHejPx20231221
J.P. Morgan Securities plc	21-Dec-2023 13:44:52	85	3626.0000	XLON	64003640000007212-E0H5YHejdcm20231221
J.P. Morgan Securities plc	21-Dec-2023 13:45:08	39	3626.0000	XLON	60003600000007141-E0H5YHejdp120231221
J.P. Morgan Securities plc	21-Dec-2023 13:45:08	172	3626.0000	XLON	60003600000007141-E0H5YHejdx20231221
J.P. Morgan Securities plc	21-Dec-2023 13:45:08	27	3626.0000	XLON	60003600000007141-E0H5YHejdpJ20231221
J.P. Morgan Securities plc	21-Dec-2023 13:45:08	6	3626.0000	XLON	60003600000007141-E0H5YHejdpD20231221
J.P. Morgan Securities plc	21-Dec-2023 13:45:28	178	3626.0000	XLON	64003640000007238-E0H5YHej6o20231221
J.P. Morgan Securities plc	21-Dec-2023 13:46:06	186	3627.0000	XLON	64003640000007255-E0H5YHejeaw20231221
J.P. Morgan Securities plc	21-Dec-2023 13:47:40	241	3628.0000	XLON	64003640000007309-E0H5YHejft20231221
J.P. Morgan Securities plc	21-Dec-2023 13:47:42	24	3628.0000	XLON	64003640000007324-E0H5YHejfrP20231221
J.P. Morgan Securities plc	21-Dec-2023 13:47:46	91	3628.0000	XLON	60003600000007250-E0H5YHejfxL20231221
J.P. Morgan Securities plc	21-Dec-2023 13:47:46	24	3628.0000	XLON	60003600000007250-E0H5YHejfxN20231221
J.P. Morgan Securities plc	21-Dec-2023 13:48:10	73	3628.0000	XLON	64003640000007329-E0H5YHejgLi20231221
J.P. Morgan Securities plc	21-Dec-2023 13:48:10	36	3628.0000	XLON	64003640000007329-E0H5YHejgLn20231221
J.P. Morgan Securities plc	21-Dec-2023 13:48:10	129	3628.0000	XLON	64003640000007329-E0H5YHejgLq20231221
J.P. Morgan Securities plc	21-Dec-2023 13:48:10	22	3628.0000	XLON	64003640000007329-E0H5YHejgLk20231221
J.P. Morgan Securities plc	21-Dec-2023 13:48:47	60	3628.0000	XLON	60003600000007282-E0H5YHejgdx20231221
J.P. Morgan Securities plc	21-Dec-2023 13:48:47	11	3628.0000	XLON	60003600000007282-E0H5YHejgU20231221
J.P. Morgan Securities plc	21-Dec-2023 13:48:47	124	3628.0000	XLON	60003600000007282-E0H5YHejgZ20231221
J.P. Morgan Securities plc	21-Dec-2023 13:49:28	216	3628.0000	XLON	60003600000007306-E0H5YHejhSi20231221
J.P. Morgan Securities plc	21-Dec-2023 13:49:28	120	3628.0000	XLON	60003600000007306-E0H5YHejhSc20231221
J.P. Morgan Securities plc	21-Dec-2023 13:50:25	141	3627.0000	XLON	60003600000007195-E0H5YHejihD20231221
J.P. Morgan Securities plc	21-Dec-2023 13:50:25	66	3627.0000	XLON	60003600000007228-E0H5YHejihF20231221
J.P. Morgan Securities plc	21-Dec-2023 13:51:08	64	3627.0000	XLON	60003600000007364-E0H5YHejj320231221
J.P. Morgan Securities plc	21-Dec-2023 13:51:41	113	3626.0000	XLON	64003640000007420-E0H5YHejVj20231221
J.P. Morgan Securities plc	21-Dec-2023 13:51:41	152	3626.0000	XLON	64003640000007420-E0H5YHejVm20231221
J.P. Morgan Securities plc	21-Dec-2023 13:52:34	9	3625.0000	XLON	60003600000007332-E0H5YHejjuc20231221
J.P. Morgan Securities plc	21-Dec-2023 13:52:34	237	3625.0000	XLON	60003600000007332-E0H5YHejjug20231221
J.P. Morgan Securities plc	21-Dec-2023 13:52:50	149	3625.0000	XLON	64003640000007468-E0H5YHejk5l20231221
J.P. Morgan Securities plc	21-Dec-2023 13:52:50	10	3625.0000	XLON	64003640000007468-E0H5YHejk5G20231221
J.P. Morgan Securities plc	21-Dec-2023 13:56:29	270	3626.0000	XLON	60003600000007410-E0H5YHejmnC20231221
J.P. Morgan Securities plc	21-Dec-2023 13:57:06	235	3626.0000	XLON	64003640000007532-E0H5YHejDw20231221
J.P. Morgan Securities plc	21-Dec-2023 13:57:06	5	3626.0000	XLON	64003640000007532-E0H5YHejnE020231221
J.P. Morgan Securities plc	21-Dec-2023 13:57:06	27	3626.0000	XLON	64003640000007532-E0H5YHejnE520231221
J.P. Morgan Securities plc	21-Dec-2023 13:57:06	10	3626.0000	XLON	64003640000007532-E0H5YHejnE320231221
J.P. Morgan Securities plc	21-Dec-2023 13:57:06	24	3626.0000	XLON	64003640000007546-E0H5YHejnEg20231221
J.P. Morgan Securities plc	21-Dec-2023 13:57:06	110	3626.0000	XLON	64003640000007546-E0H5YHejnEe20231221
J.P. Morgan Securities plc	21-Dec-2023 13:57:06	25	3626.0000	XLON	64003640000007546-E0H5YHejnEi20231221
J.P. Morgan Securities plc	21-Dec-2023 13:57:09	130	3626.0000	XLON	60003600000007467-E0H5YHejnlM20231221
J.P. Morgan Securities plc	21-Dec-2023 13:57:09	24	3626.0000	XLON	60003600000007467-E0H5YHejnIQ20231221
J.P. Morgan Securities plc	21-Dec-2023 13:57:35	130	3626.0000	XLON	60003600000007471-E0H5YHejnTy20231221
J.P. Morgan Securities plc	21-Dec-2023 13:57:35	25	3626.0000	XLON	60003600000007471-E0H5YHejnU020231221
J.P. Morgan Securities plc	21-Dec-2023 13:58:00	124	3626.0000	XLON	60003600000007488-E0H5YHejnncp20231221
J.P. Morgan Securities plc	21-Dec-2023 13:58:20	120	3626.0000	XLON	64003640000007569-E0H5YHejnqM20231221
J.P. Morgan Securities plc	21-Dec-2023 13:58:40	116	3626.0000	XLON	60003600000007505-E0H5YHejo2y20231221
J.P. Morgan Securities plc	21-Dec-2023 13:59:03	244	3626.0000	XLON	60003600000007526-E0H5YHejSG20231221
J.P. Morgan Securities plc	21-Dec-2023 14:00:23	140	3626.0000	XLON	60003600000007530-E0H5YHejpfv20231221
J.P. Morgan Securities plc	21-Dec-2023 14:05:01	237	3632.0000	XLON	64003640000007839-E0H5YHejuEs20231221
J.P. Morgan Securities plc	21-Dec-2023 14:05:03	215	3632.0000	XLON	64003640000007846-E0H5YHejuJe20231221
J.P. Morgan Securities plc	21-Dec-2023 14:05:51	300	3632.0000	XLON	64003640000007848-E0H5YHejvXv20231221
J.P. Morgan Securities plc	21-Dec-2023 14:05:52	110	3632.0000	XLON	64003640000007908-E0H5YHejvZD20231221
J.P. Morgan Securities plc	21-Dec-2023 14:05:52	24	3632.0000	XLON	64003640000007908-E0H5YHejvZF20231221
J.P. Morgan Securities plc	21-Dec-2023 14:05:53	24	3632.0000	XLON	60003600000007839-E0H5YHejvA20231221
J.P. Morgan Securities plc	21-Dec-2023 14:07:03	30	3632.0000	XLON	64003640000007910-E0H5YHejwrO20231221
J.P. Morgan Securities plc	21-Dec-2023 14:07:03	251	3632.0000	XLON	64003640000007910-E0H5YHejwrM20231221
J.P. Morgan Securities plc	21-Dec-2023 14:07:04	24	3632.0000	XLON	60003600000007877-E0H5YHejwsS20231221
J.P. Morgan Securities plc	21-Dec-2023 14:07:41	24	3633.0000	XLON	60003600000007899-E0H5YHejxlg20231221
J.P. Morgan Securities plc	21-Dec-2023 14:07:42	48	3633.0000	XLON	64003640000007969-E0H5YHejxll20231221
J.P. Morgan Securities plc	21-Dec-2023 14:07:42	84	3633.0000	XLON	64003640000007969-E0H5YHejxJA20231221
J.P. Morgan Securities plc	21-Dec-2023 14:08:23	1	3633.0000	XLON	64003640000007969-E0H5YHejxno20231221

J.P. Morgan Securities plc	21-Dec-2023 14:08:23	1	3633.0000	XLON	64003640000007969-E0H5YHejxng20231221
J.P. Morgan Securities plc	21-Dec-2023 14:08:23	1	3633.0000	XLON	64003640000007969-E0H5YHejxnk20231221
J.P. Morgan Securities plc	21-Dec-2023 14:08:59	107	3633.0000	XLON	64003640000007969-E0H5YHejyBd20231221
J.P. Morgan Securities plc	21-Dec-2023 14:08:59	120	3633.0000	XLON	60003600000007901-E0H5YHejyBf20231221
J.P. Morgan Securities plc	21-Dec-2023 14:08:59	24	3633.0000	XLON	60003600000007948-E0H5YHejyCi20231221
J.P. Morgan Securities plc	21-Dec-2023 14:08:59	47	3633.0000	XLON	60003600000007948-E0H5YHejyCk20231221
J.P. Morgan Securities plc	21-Dec-2023 14:09:00	24	3633.0000	XLON	60003600000007951-E0H5YHejyEA20231221
J.P. Morgan Securities plc	21-Dec-2023 14:09:01	24	3633.0000	XLON	64003640000008021-E0H5YHejyEg20231221
J.P. Morgan Securities plc	21-Dec-2023 14:09:02	24	3633.0000	XLON	60003600000007952-E0H5YHejyHt20231221
J.P. Morgan Securities plc	21-Dec-2023 14:09:03	24	3633.0000	XLON	64003640000008024-E0H5YHejyJL20231221
J.P. Morgan Securities plc	21-Dec-2023 14:09:04	24	3633.0000	XLON	60003600000007956-E0H5YHejyOS20231221
J.P. Morgan Securities plc	21-Dec-2023 14:09:05	4	3633.0000	XLON	64003640000008026-E0H5YHejyPa20231221
J.P. Morgan Securities plc	21-Dec-2023 14:09:06	54	3633.0000	XLON	60003600000007958-E0H5YHejyRg20231221
J.P. Morgan Securities plc	21-Dec-2023 14:09:24	6	3633.0000	XLON	60003600000007958-E0H5YHejyK20231221
J.P. Morgan Securities plc	21-Dec-2023 14:09:24	5	3633.0000	XLON	60003600000007958-E0H5YHejyU20231221
J.P. Morgan Securities plc	21-Dec-2023 14:09:39	121	3633.0000	XLON	60003600000007958-E0H5YHejyA20231221
J.P. Morgan Securities plc	21-Dec-2023 14:09:39	114	3633.0000	XLON	60003600000007958-E0H5YHejyR20231221
J.P. Morgan Securities plc	21-Dec-2023 14:09:40	24	3633.0000	XLON	60003600000007998-E0H5YHejywu20231221
J.P. Morgan Securities plc	21-Dec-2023 14:10:40	283	3632.0000	XLON	64003640000008109-E0H5YHejy03j20231221
J.P. Morgan Securities plc	21-Dec-2023 14:10:40	327	3633.0000	XLON	60003600000008030-E0H5YHejy03G20231221
J.P. Morgan Securities plc	21-Dec-2023 14:13:00	241	3633.0000	XLON	64003640000008199-E0H5YHejy3R320231221
J.P. Morgan Securities plc	21-Dec-2023 14:13:40	65	3632.0000	XLON	64003640000008178-E0H5YHejy3qW20231221
J.P. Morgan Securities plc	21-Dec-2023 14:13:40	198	3632.0000	XLON	64003640000008178-E0H5YHejy3qT20231221
J.P. Morgan Securities plc	21-Dec-2023 14:14:30	9	3631.0000	XLON	60003600000008031-E0H5YHejy4M20231221
J.P. Morgan Securities plc	21-Dec-2023 14:14:30	231	3631.0000	XLON	60003600000008031-E0H5YHejy4MN20231221
J.P. Morgan Securities plc	21-Dec-2023 14:15:02	24	3631.0000	XLON	64003640000008272-E0H5YHejy4j120231221
J.P. Morgan Securities plc	21-Dec-2023 14:15:02	250	3631.0000	XLON	64003640000008272-E0H5YHejy4iz20231221
J.P. Morgan Securities plc	21-Dec-2023 14:16:01	263	3630.0000	XLON	60003600000008132-E0H5YHejy5hF20231221
J.P. Morgan Securities plc	21-Dec-2023 14:16:41	191	3630.0000	XLON	60003600000008249-E0H5YHejy6Hd20231221
J.P. Morgan Securities plc	21-Dec-2023 14:16:41	37	3630.0000	XLON	60003600000008249-E0H5YHejy6Hf20231221
J.P. Morgan Securities plc	21-Dec-2023 14:17:10	213	3630.0000	XLON	60003600000008266-E0H5YHejy6sG20231221
J.P. Morgan Securities plc	21-Dec-2023 14:17:17	239	3629.0000	XLON	64003640000008233-E0H5YHejy6vb20231221
J.P. Morgan Securities plc	21-Dec-2023 14:18:22	207	3629.0000	XLON	60003600000008288-E0H5YHejy8oK20231221
J.P. Morgan Securities plc	21-Dec-2023 14:18:45	124	3633.0000	XLON	64003640000008396-E0H5YHejy9YV20231221
J.P. Morgan Securities plc	21-Dec-2023 14:18:45	104	3633.0000	XLON	64003640000008396-E0H5YHejy9YX20231221
J.P. Morgan Securities plc	21-Dec-2023 14:18:45	229	3633.0000	XLON	60003600000008309-E0H5YHejy9YZ20231221
J.P. Morgan Securities plc	21-Dec-2023 14:19:29	212	3633.0000	XLON	60003600000008375-E0H5YHejyBFw20231221
J.P. Morgan Securities plc	21-Dec-2023 14:19:55	18	3633.0000	XLON	60003600000008399-E0H5YHejyBrB20231221
J.P. Morgan Securities plc	21-Dec-2023 14:19:55	300	3633.0000	XLON	60003600000008399-E0H5YHejyBr820231221
J.P. Morgan Securities plc	21-Dec-2023 14:20:10	230	3632.0000	XLON	64003640000008397-E0H5YHejyCWA20231221
J.P. Morgan Securities plc	21-Dec-2023 14:20:20	212	3631.0000	XLON	60003600000008370-E0H5YHejyD3A20231221
J.P. Morgan Securities plc	21-Dec-2023 14:21:05	119	3632.0000	XLON	60003600000008507-E0H5YHejyDwz20231221
J.P. Morgan Securities plc	21-Dec-2023 14:21:05	97	3632.0000	XLON	60003600000008507-E0H5YHejyDx820231221
J.P. Morgan Securities plc	21-Dec-2023 14:21:46	37	3632.0000	XLON	60003600000008507-E0H5YHejyETq20231221
J.P. Morgan Securities plc	21-Dec-2023 14:21:46	206	3632.0000	XLON	60003600000008546-E0H5YHejyETu20231221
J.P. Morgan Securities plc	21-Dec-2023 14:22:05	253	3631.0000	XLON	60003600000008459-E0H5YHejyEn120231221
J.P. Morgan Securities plc	21-Dec-2023 14:22:45	60	3631.0000	XLON	64003640000008681-E0H5YHejyFWy20231221
J.P. Morgan Securities plc	21-Dec-2023 14:23:23	11	3631.0000	XLON	60003600000008623-E0H5YHejyG9i20231221
J.P. Morgan Securities plc	21-Dec-2023 14:25:38	200	3631.0000	XLON	60003600000008623-E0H5YHejyIDG20231221
J.P. Morgan Securities plc	21-Dec-2023 14:25:39	24	3631.0000	XLON	64003640000008806-E0H5YHejyIEt20231221
J.P. Morgan Securities plc	21-Dec-2023 14:26:48	86	3631.0000	XLON	60003600000008717-E0H5YHejyJDH20231221
J.P. Morgan Securities plc	21-Dec-2023 14:26:48	100	3631.0000	XLON	60003600000008717-E0H5YHejyJBR20231221
J.P. Morgan Securities plc	21-Dec-2023 14:27:12	20	3631.0000	XLON	60003600000008717-E0H5YHejyJTj20231221
J.P. Morgan Securities plc	21-Dec-2023 14:27:12	151	3631.0000	XLON	64003640000008849-E0H5YHejyJTq20231221
J.P. Morgan Securities plc	21-Dec-2023 14:27:12	51	3631.0000	XLON	64003640000008849-E0H5YHejyJTn20231221
J.P. Morgan Securities plc	21-Dec-2023 14:27:12	24	3632.0000	XLON	60003600000008782-E0H5YHejyJTx20231221
J.P. Morgan Securities plc	21-Dec-2023 14:27:13	91	3631.0000	XLON	64003640000008871-E0H5YHejyJVu20231221
J.P. Morgan Securities plc	21-Dec-2023 14:27:13	92	3631.0000	XLON	64003640000008871-E0H5YHejyJVv20231221
J.P. Morgan Securities plc	21-Dec-2023 14:27:13	24	3631.0000	XLON	64003640000008871-E0H5YHejyJVs20231221
J.P. Morgan Securities plc	21-Dec-2023 14:27:14	24	3631.0000	XLON	64003640000008872-E0H5YHejyJWn20231221
J.P. Morgan Securities plc	21-Dec-2023 14:27:14	92	3631.0000	XLON	64003640000008872-E0H5YHejyJWR20231221
J.P. Morgan Securities plc	21-Dec-2023 14:27:14	91	3631.0000	XLON	64003640000008872-E0H5YHejyJWP20231221
J.P. Morgan Securities plc	21-Dec-2023 14:27:15	265	3631.0000	XLON	64003640000008873-E0H5YHejyJXP20231221
J.P. Morgan Securities plc	21-Dec-2023 14:27:16	7	3631.0000	XLON	60003600000008790-E0H5YHejyJYk20231221
J.P. Morgan Securities plc	21-Dec-2023 14:27:16	258	3631.0000	XLON	60003600000008790-E0H5YHejyJYU20231221
J.P. Morgan Securities plc	21-Dec-2023 14:27:17	24	3631.0000	XLON	64003640000008879-E0H5YHejyJZS20231221

J.P. Morgan Securities plc	21-Dec-2023 14:27:18	24	3631.0000	XLON	6000360000008791-E0H5YYhekJac020231221
J.P. Morgan Securities plc	21-Dec-2023 14:27:18	91	3631.0000	XLON	6000360000008791-E0H5YYhekJaq020231221
J.P. Morgan Securities plc	21-Dec-2023 14:27:18	92	3631.0000	XLON	6000360000008791-E0H5YYhekJam020231221
J.P. Morgan Securities plc	21-Dec-2023 14:27:19	24	3631.0000	XLON	64003640000008880-E0H5YYhekJbi020231221
J.P. Morgan Securities plc	21-Dec-2023 14:27:19	92	3631.0000	XLON	64003640000008880-E0H5YYhekJbg020231221
J.P. Morgan Securities plc	21-Dec-2023 14:27:19	91	3631.0000	XLON	64003640000008880-E0H5YYhekJbe020231221
J.P. Morgan Securities plc	21-Dec-2023 14:27:20	24	3631.0000	XLON	60003600000008793-E0H5YYhekJc420231221
J.P. Morgan Securities plc	21-Dec-2023 14:27:21	63	3631.0000	XLON	64003640000008883-E0H5YYhekJd220231221
J.P. Morgan Securities plc	21-Dec-2023 14:27:21	142	3631.0000	XLON	64003640000008883-E0H5YYhekJcr020231221
J.P. Morgan Securities plc	21-Dec-2023 14:27:40	253	3630.0000	XLON	64003640000008544-E0H5YYhekJpt020231221
J.P. Morgan Securities plc	21-Dec-2023 14:28:06	334	3630.0000	XLON	60003600000008846-E0H5YYhekKQE020231221
J.P. Morgan Securities plc	21-Dec-2023 14:28:26	183	3629.0000	XLON	60003600000008785-E0H5YYhekKp920231221
J.P. Morgan Securities plc	21-Dec-2023 14:28:26	62	3629.0000	XLON	60003600000008785-E0H5YYhekKpB020231221
J.P. Morgan Securities plc	21-Dec-2023 14:29:47	417	3628.0000	XLON	60003600000008837-E0H5YYhekLzH020231221
J.P. Morgan Securities plc	21-Dec-2023 14:29:47	156	3628.0000	XLON	60003600000008880-E0H5YYhekLzJ020231221
J.P. Morgan Securities plc	21-Dec-2023 14:30:04	287	3629.0000	XLON	60003600000009007-E0H5YYhekN9J020231221
J.P. Morgan Securities plc	21-Dec-2023 14:32:01	247	3635.0000	XLON	60003600000009214-E0H5YYhekN0920231221
J.P. Morgan Securities plc	21-Dec-2023 14:32:39	33	3635.0000	XLON	60003600000009245-E0H5YYhekUr920231221
J.P. Morgan Securities plc	21-Dec-2023 14:32:39	302	3635.0000	XLON	60003600000009245-E0H5YYhekUr620231221
J.P. Morgan Securities plc	21-Dec-2023 14:33:01	11	3636.0000	XLON	64003640000009380-E0H5YYhekVeC020231221
J.P. Morgan Securities plc	21-Dec-2023 14:33:02	11	3636.0000	XLON	64003640000009384-E0H5YYhekVfZ020231221
J.P. Morgan Securities plc	21-Dec-2023 14:33:03	11	3636.0000	XLON	60003600000009301-E0H5YYhekVh920231221
J.P. Morgan Securities plc	21-Dec-2023 14:33:08	356	3636.0000	XLON	60003600000009306-E0H5YYhekVqz020231221
J.P. Morgan Securities plc	21-Dec-2023 14:33:08	262	3635.0000	XLON	60003600000009285-E0H5YYhekVsk020231221
J.P. Morgan Securities plc	21-Dec-2023 14:33:30	271	3634.0000	XLON	60003600000009201-E0H5YYhekWmF020231221
J.P. Morgan Securities plc	21-Dec-2023 14:33:43	169	3633.0000	XLON	64003640000009421-E0H5YYhekXIN020231221
J.P. Morgan Securities plc	21-Dec-2023 14:33:59	295	3632.0000	XLON	60003600000009345-E0H5YYhekYB3020231221
J.P. Morgan Securities plc	21-Dec-2023 14:34:47	11	3631.0000	XLON	60003600000009436-E0H5YYhekZkH020231221
J.P. Morgan Securities plc	21-Dec-2023 14:34:59	179	3631.0000	XLON	60003600000009455-E0H5YYheka8c020231221
J.P. Morgan Securities plc	21-Dec-2023 14:34:59	61	3631.0000	XLON	60003600000009455-E0H5YYheka8g020231221
J.P. Morgan Securities plc	21-Dec-2023 14:35:23	32	3633.0000	XLON	60003600000009478-E0H5YYhekbO020231221
J.P. Morgan Securities plc	21-Dec-2023 14:35:23	11	3633.0000	XLON	60003600000009478-E0H5YYhekbBQ020231221
J.P. Morgan Securities plc	21-Dec-2023 14:35:25	8	3633.0000	XLON	64003640000009566-E0H5YYhekbGg020231221
J.P. Morgan Securities plc	21-Dec-2023 14:35:25	327	3633.0000	XLON	64003640000009566-E0H5YYhekbGm020231221
J.P. Morgan Securities plc	21-Dec-2023 14:35:56	243	3633.0000	XLON	60003600000009481-E0H5YYhekc4P020231221
J.P. Morgan Securities plc	21-Dec-2023 14:35:56	44	3633.0000	XLON	60003600000009481-E0H5YYhekc4N020231221
J.P. Morgan Securities plc	21-Dec-2023 14:36:40	263	3633.0000	XLON	60003600000009534-E0H5YYhekdLU020231221
J.P. Morgan Securities plc	21-Dec-2023 14:36:45	92	3633.0000	XLON	64003640000009644-E0H5YYhekdWA020231221
J.P. Morgan Securities plc	21-Dec-2023 14:36:45	134	3633.0000	XLON	64003640000009644-E0H5YYhekdWC020231221
J.P. Morgan Securities plc	21-Dec-2023 14:36:48	60	3632.0000	XLON	60003600000009475-E0H5YYhekdab020231221
J.P. Morgan Securities plc	21-Dec-2023 14:36:48	10	3632.0000	XLON	60003600000009475-E0H5YYhekdag020231221
J.P. Morgan Securities plc	21-Dec-2023 14:36:48	176	3632.0000	XLON	64003640000009560-E0H5YYhekdj020231221
J.P. Morgan Securities plc	21-Dec-2023 14:37:17	42	3631.0000	XLON	64003640000009564-E0H5YYhekejw020231221
J.P. Morgan Securities plc	21-Dec-2023 14:37:17	113	3631.0000	XLON	64003640000009564-E0H5YYhekejl020231221
J.P. Morgan Securities plc	21-Dec-2023 14:37:23	45	3631.0000	XLON	64003640000009564-E0H5YYhekes020231221
J.P. Morgan Securities plc	21-Dec-2023 14:37:23	4	3631.0000	XLON	64003640000009564-E0H5YYhekes020231221
J.P. Morgan Securities plc	21-Dec-2023 14:37:23	35	3631.0000	XLON	64003640000009564-E0H5YYhekesZ020231221
J.P. Morgan Securities plc	21-Dec-2023 14:37:36	37	3630.0000	XLON	64003640000009698-E0H5YYhekfMe020231221
J.P. Morgan Securities plc	21-Dec-2023 14:37:36	211	3630.0000	XLON	64003640000009698-E0H5YYhekfMZ020231221
J.P. Morgan Securities plc	21-Dec-2023 14:38:53	11	3632.0000	XLON	60003600000009765-E0H5YYhekhtj020231221
J.P. Morgan Securities plc	21-Dec-2023 14:38:54	11	3632.0000	XLON	60003600000009769-E0H5YYhekhw7020231221
J.P. Morgan Securities plc	21-Dec-2023 14:38:54	54	3632.0000	XLON	60003600000009769-E0H5YYhekhw9020231221
J.P. Morgan Securities plc	21-Dec-2023 14:38:55	11	3632.0000	XLON	64003640000009864-E0H5YYhekhhx020231221
J.P. Morgan Securities plc	21-Dec-2023 14:38:56	11	3632.0000	XLON	60003600000009774-E0H5YYhekhyK020231221
J.P. Morgan Securities plc	21-Dec-2023 14:39:14	135	3632.0000	XLON	60003600000009775-E0H5YYhekiLM020231221
J.P. Morgan Securities plc	21-Dec-2023 14:39:14	113	3632.0000	XLON	60003600000009775-E0H5YYhekiL020231221
J.P. Morgan Securities plc	21-Dec-2023 14:39:37	2	3633.0000	XLON	60003600000009816-E0H5YYhekiho020231221
J.P. Morgan Securities plc	21-Dec-2023 14:39:37	11	3633.0000	XLON	60003600000009816-E0H5YYhekihq020231221
J.P. Morgan Securities plc	21-Dec-2023 14:39:38	11	3633.0000	XLON	64003640000009906-E0H5YYhekijl020231221
J.P. Morgan Securities plc	21-Dec-2023 14:39:39	11	3633.0000	XLON	60003600000009818-E0H5YYhekimB020231221
J.P. Morgan Securities plc	21-Dec-2023 14:39:40	11	3633.0000	XLON	64003640000009907-E0H5YYhekim020231221
J.P. Morgan Securities plc	21-Dec-2023 14:39:41	11	3633.0000	XLON	60003600000009820-E0H5YYhekip1020231221
J.P. Morgan Securities plc	21-Dec-2023 14:39:42	11	3633.0000	XLON	64003640000009910-E0H5YYhekipm020231221
J.P. Morgan Securities plc	21-Dec-2023 14:39:43	11	3633.0000	XLON	60003600000009823-E0H5YYhekiqc020231221
J.P. Morgan Securities plc	21-Dec-2023 14:39:44	11	3633.0000	XLON	64003640000009912-E0H5YYhekirp020231221
J.P. Morgan Securities plc	21-Dec-2023 14:39:45	11	3633.0000	XLON	60003600000009824-E0H5YYhekisr020231221

J.P. Morgan Securities plc	21-Dec-2023 14:39:46	11	3633.0000	XLON	64003640000009913-E0H5YYhekitp20231221
J.P. Morgan Securities plc	21-Dec-2023 14:39:47	11	3633.0000	XLON	60003600000009825-E0H5YYhekiVG20231221
J.P. Morgan Securities plc	21-Dec-2023 14:39:48	11	3633.0000	XLON	64003640000009914-E0H5YYhekivo20231221
J.P. Morgan Securities plc	21-Dec-2023 14:39:49	11	3633.0000	XLON	60003600000009826-E0H5YYhekiwL20231221
J.P. Morgan Securities plc	21-Dec-2023 14:39:50	11	3633.0000	XLON	64003640000009916-E0H5YYhekixB20231221
J.P. Morgan Securities plc	21-Dec-2023 14:39:51	35	3633.0000	XLON	60003600000009828-E0H5YYhekijQ20231221
J.P. Morgan Securities plc	21-Dec-2023 14:39:51	74	3633.0000	XLON	60003600000009828-E0H5YYhekiyc20231221
J.P. Morgan Securities plc	21-Dec-2023 14:39:51	283	3633.0000	XLON	60003600000009828-E0H5YYhekijT20231221
J.P. Morgan Securities plc	21-Dec-2023 14:39:51	88	3633.0000	XLON	60003600000009828-E0H5YYhekivy20231221
J.P. Morgan Securities plc	21-Dec-2023 14:39:51	126	3633.0000	XLON	60003600000009828-E0H5YYhekizG20231221
J.P. Morgan Securities plc	21-Dec-2023 14:40:11	264	3633.0000	XLON	60003600000009831-E0H5YYhekiSg20231221
J.P. Morgan Securities plc	21-Dec-2023 14:40:11	103	3633.0000	XLON	60003600000009831-E0H5YYhekiSe20231221
J.P. Morgan Securities plc	21-Dec-2023 14:40:15	261	3632.0000	XLON	60003600000009795-E0H5YYhekijZ20231221
J.P. Morgan Securities plc	21-Dec-2023 14:40:39	265	3631.0000	XLON	60003600000009870-E0H5YYhekiN820231221
J.P. Morgan Securities plc	21-Dec-2023 14:41:25	73	3631.0000	XLON	64003640000009978-E0H5YYhekiIf20231221
J.P. Morgan Securities plc	21-Dec-2023 14:41:25	118	3631.0000	XLON	64003640000009978-E0H5YYhekiFu20231221
J.P. Morgan Securities plc	21-Dec-2023 14:41:25	37	3631.0000	XLON	64003640000009978-E0H5YYhekiFo20231221
J.P. Morgan Securities plc	21-Dec-2023 14:41:42	217	3631.0000	XLON	60003600000009939-E0H5YYhekimX20231221
J.P. Morgan Securities plc	21-Dec-2023 14:41:42	16	3631.0000	XLON	60003600000009939-E0H5YYhekimV20231221
J.P. Morgan Securities plc	21-Dec-2023 14:41:57	287	3630.0000	XLON	64003640000009956-E0H5YYhekimC20231221
J.P. Morgan Securities plc	21-Dec-2023 14:42:02	221	3629.0000	XLON	60003600000009871-E0H5YYhekiDk20231221
J.P. Morgan Securities plc	21-Dec-2023 14:43:16	70	3630.0000	XLON	64003640000010106-E0H5YYhekpai20231221
J.P. Morgan Securities plc	21-Dec-2023 14:43:16	129	3630.0000	XLON	64003640000010106-E0H5YYhekpaW20231221
J.P. Morgan Securities plc	21-Dec-2023 14:43:17	11	3630.0000	XLON	64003640000010135-E0H5YYhekpbN20231221
J.P. Morgan Securities plc	21-Dec-2023 14:43:59	189	3631.0000	XLON	60003600000010089-E0H5YYhekqe420231221
J.P. Morgan Securities plc	21-Dec-2023 14:44:16	11	3632.0000	XLON	60003600000010109-E0H5YYhekiFC20231221
J.P. Morgan Securities plc	21-Dec-2023 14:44:17	11	3632.0000	XLON	64003640000010196-E0H5YYhekiKl20231221
J.P. Morgan Securities plc	21-Dec-2023 14:44:18	11	3632.0000	XLON	60003600000010114-E0H5YYhekiKn20231221
J.P. Morgan Securities plc	21-Dec-2023 14:44:19	11	3632.0000	XLON	64003640000010200-E0H5YYhekiLr20231221
J.P. Morgan Securities plc	21-Dec-2023 14:44:20	11	3632.0000	XLON	60003600000010116-E0H5YYhekiRS20231221
J.P. Morgan Securities plc	21-Dec-2023 14:44:21	80	3632.0000	XLON	64003640000010201-E0H5YYhekjQU20231221
J.P. Morgan Securities plc	21-Dec-2023 14:44:21	32	3632.0000	XLON	64003640000010201-E0H5YYhekjQM20231221
J.P. Morgan Securities plc	21-Dec-2023 14:44:21	32	3632.0000	XLON	64003640000010201-E0H5YYhekjQO20231221
J.P. Morgan Securities plc	21-Dec-2023 14:44:21	83	3632.0000	XLON	64003640000010201-E0H5YYhekjQW20231221
J.P. Morgan Securities plc	21-Dec-2023 14:45:17	234	3633.0000	XLON	60003600000010150-E0H5YYhekj8q20231221
J.P. Morgan Securities plc	21-Dec-2023 14:45:17	105	3633.0000	XLON	64003640000010225-E0H5YYhekj8o20231221
J.P. Morgan Securities plc	21-Dec-2023 14:45:17	111	3633.0000	XLON	64003640000010225-E0H5YYhekj8m20231221
J.P. Morgan Securities plc	21-Dec-2023 14:45:21	11	3633.0000	XLON	60003600000010162-E0H5YYhekjGS20231221
J.P. Morgan Securities plc	21-Dec-2023 14:45:22	11	3633.0000	XLON	64003640000010256-E0H5YYhekjTK20231221
J.P. Morgan Securities plc	21-Dec-2023 14:45:22	111	3633.0000	XLON	64003640000010256-E0H5YYhekjTL20231221
J.P. Morgan Securities plc	21-Dec-2023 14:45:28	111	3633.0000	XLON	60003600000010174-E0H5YYhekjRA20231221
J.P. Morgan Securities plc	21-Dec-2023 14:45:43	111	3633.0000	XLON	60003600000010186-E0H5YYhekj5S20231221
J.P. Morgan Securities plc	21-Dec-2023 14:45:52	81	3632.0000	XLON	64003640000010246-E0H5YYhekjvK20231221
J.P. Morgan Securities plc	21-Dec-2023 14:45:52	513	3632.0000	XLON	64003640000010246-E0H5YYhekjvN20231221
J.P. Morgan Securities plc	21-Dec-2023 14:46:10	195	3631.0000	XLON	60003600000010190-E0H5YYhekjURB20231221
J.P. Morgan Securities plc	21-Dec-2023 14:47:03	235	3631.0000	XLON	64003640000010342-E0H5YYhekjwD620231221
J.P. Morgan Securities plc	21-Dec-2023 14:47:37	196	3631.0000	XLON	64003640000010356-E0H5YYhekjxEv20231221
J.P. Morgan Securities plc	21-Dec-2023 14:47:37	117	3631.0000	XLON	60003600000010261-E0H5YYhekjxEI20231221
J.P. Morgan Securities plc	21-Dec-2023 14:47:37	12	3631.0000	XLON	60003600000010261-E0H5YYhekjxEk20231221
J.P. Morgan Securities plc	21-Dec-2023 14:47:37	9	3631.0000	XLON	60003600000010261-E0H5YYhekjxEt20231221
J.P. Morgan Securities plc	21-Dec-2023 14:47:37	30	3631.0000	XLON	60003600000010261-E0H5YYhekjxEg20231221
J.P. Morgan Securities plc	21-Dec-2023 14:47:56	123	3631.0000	XLON	64003640000010379-E0H5YYhekjxC20231221
J.P. Morgan Securities plc	21-Dec-2023 14:47:56	68	3631.0000	XLON	64003640000010379-E0H5YYhekjxE20231221
J.P. Morgan Securities plc	21-Dec-2023 14:49:17	113	3630.0000	XLON	60003600000010316-E0H5YYhekjzQs20231221
J.P. Morgan Securities plc	21-Dec-2023 14:49:47	136	3630.0000	XLON	60003600000010316-E0H5YYhekiOIN20231221
J.P. Morgan Securities plc	21-Dec-2023 14:49:47	77	3630.0000	XLON	60003600000010365-E0H5YYhekiOIP20231221
J.P. Morgan Securities plc	21-Dec-2023 14:50:08	206	3630.0000	XLON	60003600000010389-E0H5YYhekiOtR20231221
J.P. Morgan Securities plc	21-Dec-2023 14:50:09	23	3630.0000	XLON	64003640000010487-E0H5YYheki10Z20231221
J.P. Morgan Securities plc	21-Dec-2023 14:50:09	46	3630.0000	XLON	64003640000010487-E0H5YYheki10X20231221
J.P. Morgan Securities plc	21-Dec-2023 14:50:09	64	3629.0000	XLON	64003640000010404-E0H5YYheki13W20231221
J.P. Morgan Securities plc	21-Dec-2023 14:50:09	197	3629.0000	XLON	64003640000010404-E0H5YYheki13Y20231221
J.P. Morgan Securities plc	21-Dec-2023 14:50:09	262	3629.0000	XLON	60003600000010340-E0H5YYheki13a20231221
J.P. Morgan Securities plc	21-Dec-2023 14:50:09	54	3629.0000	XLON	60003600000010340-E0H5YYheki13c20231221
J.P. Morgan Securities plc	21-Dec-2023 14:50:10	23	3629.0000	XLON	60003600000010408-E0H5YYheki16b20231221
J.P. Morgan Securities plc	21-Dec-2023 14:50:10	68	3629.0000	XLON	60003600000010408-E0H5YYheki16d20231221
J.P. Morgan Securities plc	21-Dec-2023 14:50:10	190	3629.0000	XLON	60003600000010408-E0H5YYheki16h20231221

J.P. Morgan Securities plc	21-Dec-2023 14:50:10	55	3629.0000	XLON	60003600000010408-E0H5YYhel16f20231221
J.P. Morgan Securities plc	21-Dec-2023 14:50:10	160	3629.0000	XLON	60003600000010408-E0H5YYhel16j20231221
J.P. Morgan Securities plc	21-Dec-2023 14:51:02	192	3629.0000	XLON	60003600000010419-E0H5YYhel2Mv20231221
J.P. Morgan Securities plc	21-Dec-2023 14:51:02	42	3629.0000	XLON	60003600000010419-E0H5YYhel2Mp20231221
J.P. Morgan Securities plc	21-Dec-2023 14:51:27	308	3629.0000	XLON	64003640000010522-E0H5YYhel36V20231221
J.P. Morgan Securities plc	21-Dec-2023 14:51:28	158	3628.0000	XLON	64003640000010500-E0H5YYhel38v20231221
J.P. Morgan Securities plc	21-Dec-2023 14:51:28	119	3628.0000	XLON	64003640000010500-E0H5YYhel39720231221
J.P. Morgan Securities plc	21-Dec-2023 14:52:28	202	3627.0000	XLON	60003600000010420-E0H5YYhel4Ch20231221
J.P. Morgan Securities plc	21-Dec-2023 14:52:28	75	3627.0000	XLON	60003600000010420-E0H5YYhel4Cu20231221
J.P. Morgan Securities plc	21-Dec-2023 14:53:36	21	3627.0000	XLON	64003640000010591-E0H5YYhel5SE20231221
J.P. Morgan Securities plc	21-Dec-2023 14:53:36	250	3627.0000	XLON	64003640000010591-E0H5YYhel5SC20231221
J.P. Morgan Securities plc	21-Dec-2023 14:53:43	103	3626.0000	XLON	60003600000010483-E0H5YYhel5ZS20231221
J.P. Morgan Securities plc	21-Dec-2023 14:55:08	232	3628.0000	XLON	60003600000010563-E0H5YYhel7pu20231221
J.P. Morgan Securities plc	21-Dec-2023 14:55:08	53	3628.0000	XLON	64003640000010642-E0H5YYhel7pq20231221
J.P. Morgan Securities plc	21-Dec-2023 14:55:08	211	3628.0000	XLON	64003640000010642-E0H5YYhel7ps20231221
J.P. Morgan Securities plc	21-Dec-2023 14:55:24	17	3628.0000	XLON	64003640000010692-E0H5YYhel85b20231221
J.P. Morgan Securities plc	21-Dec-2023 14:55:24	243	3628.0000	XLON	64003640000010692-E0H5YYhel85U20231221
J.P. Morgan Securities plc	21-Dec-2023 14:55:25	23	3628.0000	XLON	64003640000010705-E0H5YYhel88c20231221
J.P. Morgan Securities plc	21-Dec-2023 14:55:34	265	3628.0000	XLON	64003640000010708-E0H5YYhel8e520231221
J.P. Morgan Securities plc	21-Dec-2023 14:55:35	23	3628.0000	XLON	64003640000010717-E0H5YYhel8j820231221
J.P. Morgan Securities plc	21-Dec-2023 14:55:36	23	3628.0000	XLON	60003600000010638-E0H5YYhel8mx20231221
J.P. Morgan Securities plc	21-Dec-2023 14:55:37	23	3628.0000	XLON	64003640000010719-E0H5YYhel8q820231221
J.P. Morgan Securities plc	21-Dec-2023 14:55:38	23	3628.0000	XLON	60003600000010640-E0H5YYhel8tY20231221
J.P. Morgan Securities plc	21-Dec-2023 14:55:39	23	3628.0000	XLON	64003640000010721-E0H5YYhel8vF20231221
J.P. Morgan Securities plc	21-Dec-2023 14:55:40	186	3628.0000	XLON	60003600000010641-E0H5YYhel8xr20231221
J.P. Morgan Securities plc	21-Dec-2023 14:55:40	58	3628.0000	XLON	60003600000010641-E0H5YYhel8xg20231221
J.P. Morgan Securities plc	21-Dec-2023 14:55:54	75	3628.0000	XLON	60003600000010641-E0H5YYhel9EG20231221
J.P. Morgan Securities plc	21-Dec-2023 14:56:04	1	3629.0000	XLON	64003640000010746-E0H5YYhel9bO20231221
J.P. Morgan Securities plc	21-Dec-2023 14:56:05	61	3629.0000	XLON	60003600000010666-E0H5YYhel9ca20231221
J.P. Morgan Securities plc	21-Dec-2023 14:56:05	71	3629.0000	XLON	60003600000010666-E0H5YYhel9ch20231221
J.P. Morgan Securities plc	21-Dec-2023 14:56:07	171	3629.0000	XLON	60003600000010666-E0H5YYhel9eh20231221
J.P. Morgan Securities plc	21-Dec-2023 14:56:07	60	3629.0000	XLON	60003600000010666-E0H5YYhel9ej20231221
J.P. Morgan Securities plc	21-Dec-2023 14:56:55	89	3630.0000	XLON	64003640000010807-E0H5YYhelAZs20231221
J.P. Morgan Securities plc	21-Dec-2023 14:56:55	77	3630.0000	XLON	64003640000010807-E0H5YYhelAZq20231221
J.P. Morgan Securities plc	21-Dec-2023 14:57:22	233	3630.0000	XLON	64003640000010815-E0H5YYhelB5620231221
J.P. Morgan Securities plc	21-Dec-2023 14:57:38	204	3630.0000	XLON	64003640000010828-E0H5YYhelBQR20231221
J.P. Morgan Securities plc	21-Dec-2023 14:57:38	74	3630.0000	XLON	64003640000010815-E0H5YYhelBQL20231221
J.P. Morgan Securities plc	21-Dec-2023 14:57:39	23	3630.0000	XLON	60003600000010749-E0H5YYhelBRI20231221
J.P. Morgan Securities plc	21-Dec-2023 14:57:40	23	3630.0000	XLON	60003600000010751-E0H5YYhelBVW20231221
J.P. Morgan Securities plc	21-Dec-2023 14:57:41	23	3630.0000	XLON	64003640000010839-E0H5YYhelBWY20231221
J.P. Morgan Securities plc	21-Dec-2023 14:58:03	52	3631.0000	XLON	64003640000010854-E0H5YYhelBxm20231221
J.P. Morgan Securities plc	21-Dec-2023 14:58:03	179	3631.0000	XLON	64003640000010854-E0H5YYhelBxk20231221
J.P. Morgan Securities plc	21-Dec-2023 14:58:04	23	3631.0000	XLON	64003640000010865-E0H5YYhelBz520231221
J.P. Morgan Securities plc	21-Dec-2023 14:58:49	107	3631.0000	XLON	64003640000010866-E0H5YYhelCLr20231221
J.P. Morgan Securities plc	21-Dec-2023 14:58:49	3	3631.0000	XLON	64003640000010866-E0H5YYhelCLz20231221
J.P. Morgan Securities plc	21-Dec-2023 14:58:49	252	3630.0000	XLON	60003600000010752-E0H5YYhelCMP20231221
J.P. Morgan Securities plc	21-Dec-2023 14:58:49	147	3631.0000	XLON	64003640000010866-E0H5YYhelCLt20231221
J.P. Morgan Securities plc	21-Dec-2023 14:58:49	43	3631.0000	XLON	64003640000010866-E0H5YYhelCLv20231221
J.P. Morgan Securities plc	21-Dec-2023 14:59:01	301	3630.0000	XLON	64003640000010893-E0H5YYhelCfv20231221
J.P. Morgan Securities plc	21-Dec-2023 14:59:01	43	3630.0000	XLON	64003640000010893-E0H5YYhelCft20231221
J.P. Morgan Securities plc	21-Dec-2023 14:59:21	54	3630.0000	XLON	64003640000010917-E0H5YYhelCwy20231221
J.P. Morgan Securities plc	21-Dec-2023 14:59:25	23	3630.0000	XLON	64003640000010918-E0H5YYhelCyp20231221
J.P. Morgan Securities plc	21-Dec-2023 14:59:27	188	3630.0000	XLON	60003600000010826-E0H5YYhelDob20231221
J.P. Morgan Securities plc	21-Dec-2023 14:59:35	62	3630.0000	XLON	60003600000010826-E0H5YYhelDck20231221
J.P. Morgan Securities plc	21-Dec-2023 15:00:05	137	3630.0000	XLON	60003600000010839-E0H5YYhelDpS20231221
J.P. Morgan Securities plc	21-Dec-2023 15:00:05	131	3630.0000	XLON	60003600000010839-E0H5YYhelDpQ20231221
J.P. Morgan Securities plc	21-Dec-2023 15:00:25	245	3630.0000	XLON	64003640000010954-E0H5YYhelE5w20231221
J.P. Morgan Securities plc	21-Dec-2023 15:00:58	243	3629.0000	XLON	64003640000010967-E0H5YYhelEhp20231221
J.P. Morgan Securities plc	21-Dec-2023 15:01:56	170	3629.0000	XLON	64003640000011021-E0H5YYhelFdv20231221
J.P. Morgan Securities plc	21-Dec-2023 15:01:56	113	3629.0000	XLON	64003640000011021-E0H5YYhelFdt20231221
J.P. Morgan Securities plc	21-Dec-2023 15:02:01	221	3628.0000	XLON	60003600000010880-E0H5YYhelFxF20231221
J.P. Morgan Securities plc	21-Dec-2023 15:02:02	158	3627.0000	XLON	64003640000010968-E0H5YYhelG6l20231221
J.P. Morgan Securities plc	21-Dec-2023 15:02:18	146	3627.0000	XLON	64003640000011054-E0H5YYhelGkq20231221
J.P. Morgan Securities plc	21-Dec-2023 15:02:18	85	3627.0000	XLON	64003640000010968-E0H5YYhelGko20231221
J.P. Morgan Securities plc	21-Dec-2023 15:02:49	262	3626.0000	XLON	60003600000010972-E0H5YYhelHnC20231221
J.P. Morgan Securities plc	21-Dec-2023 15:03:22	116	3626.0000	XLON	60003600000011049-E0H5YYhelId720231221

J.P. Morgan Securities plc	21-Dec-2023 15:03:22	140	3626.0000	XLON	60003600000011049-E0H5YHelld420231221
J.P. Morgan Securities plc	21-Dec-2023 15:03:46	240	3625.0000	XLON	64003640000011055-E0H5YHelJ3420231221
J.P. Morgan Securities plc	21-Dec-2023 15:03:59	237	3624.0000	XLON	64003640000011103-E0H5YHelJPP20231221
J.P. Morgan Securities plc	21-Dec-2023 15:04:20	232	3623.0000	XLON	60003600000011067-E0H5YHelJy120231221
J.P. Morgan Securities plc	21-Dec-2023 15:04:20	19	3623.0000	XLON	60003600000011067-E0H5YHelJy320231221
J.P. Morgan Securities plc	21-Dec-2023 15:04:41	17	3622.0000	XLON	64003640000011148-E0H5YHelKpV20231221
J.P. Morgan Securities plc	21-Dec-2023 15:04:41	192	3622.0000	XLON	64003640000011148-E0H5YHelKQ820231221
J.P. Morgan Securities plc	21-Dec-2023 15:05:02	77	3622.0000	XLON	64003640000011223-E0H5YHelL6T20231221
J.P. Morgan Securities plc	21-Dec-2023 15:05:28	62	3622.0000	XLON	64003640000011276-E0H5YHelLy20231221
J.P. Morgan Securities plc	21-Dec-2023 15:05:28	184	3622.0000	XLON	64003640000011276-E0H5YHelLu20231221
J.P. Morgan Securities plc	21-Dec-2023 15:05:56	27	3622.0000	XLON	64003640000011276-E0H5YHelMZA20231221
J.P. Morgan Securities plc	21-Dec-2023 15:06:47	312	3622.0000	XLON	64003640000011304-E0H5YHelNtv20231221
J.P. Morgan Securities plc	21-Dec-2023 15:06:48	24	3622.0000	XLON	60003600000011244-E0H5YHelNvo20231221
J.P. Morgan Securities plc	21-Dec-2023 15:06:48	48	3622.0000	XLON	60003600000011244-E0H5YHelNvq20231221
J.P. Morgan Securities plc	21-Dec-2023 15:06:49	24	3622.0000	XLON	64003640000011328-E0H5YHelNxC20231221
J.P. Morgan Securities plc	21-Dec-2023 15:06:50	92	3622.0000	XLON	60003600000011246-E0H5YHelNyU20231221
J.P. Morgan Securities plc	21-Dec-2023 15:06:50	24	3622.0000	XLON	60003600000011246-E0H5YHelNzr20231221
J.P. Morgan Securities plc	21-Dec-2023 15:06:52	64	3622.0000	XLON	64003640000011330-E0H5YHelNzr20231221
J.P. Morgan Securities plc	21-Dec-2023 15:08:55	238	3625.0000	XLON	64003640000011400-E0H5YHelR8O20231221
J.P. Morgan Securities plc	21-Dec-2023 15:08:55	77	3625.0000	XLON	64003640000011400-E0H5YHelR8M20231221
J.P. Morgan Securities plc	21-Dec-2023 15:08:58	231	3625.0000	XLON	60003600000011328-E0H5YHelRDi20231221
J.P. Morgan Securities plc	21-Dec-2023 15:08:59	24	3625.0000	XLON	64003640000011404-E0H5YHelREc20231221
J.P. Morgan Securities plc	21-Dec-2023 15:09:00	24	3625.0000	XLON	60003600000011332-E0H5YHelRFv20231221
J.P. Morgan Securities plc	21-Dec-2023 15:09:01	24	3625.0000	XLON	64003640000011407-E0H5YHelRHK20231221
J.P. Morgan Securities plc	21-Dec-2023 15:09:02	24	3625.0000	XLON	60003600000011333-E0H5YHelRMg20231221
J.P. Morgan Securities plc	21-Dec-2023 15:09:03	24	3625.0000	XLON	64003640000011409-E0H5YHelROe20231221
J.P. Morgan Securities plc	21-Dec-2023 15:09:04	24	3625.0000	XLON	60003600000011336-E0H5YHelRRn20231221
J.P. Morgan Securities plc	21-Dec-2023 15:09:05	24	3625.0000	XLON	64003640000011412-E0H5YHelRSm20231221
J.P. Morgan Securities plc	21-Dec-2023 15:09:06	6	3625.0000	XLON	60003600000011337-E0H5YHelRUk20231221
J.P. Morgan Securities plc	21-Dec-2023 15:09:06	206	3625.0000	XLON	60003600000011337-E0H5YHelRTO20231221
J.P. Morgan Securities plc	21-Dec-2023 15:09:14	212	3625.0000	XLON	64003640000011414-E0H5YHelRbq20231221
J.P. Morgan Securities plc	21-Dec-2023 15:09:15	24	3625.0000	XLON	64003640000011419-E0H5YHelRgL20231221
J.P. Morgan Securities plc	21-Dec-2023 15:09:15	22	3625.0000	XLON	64003640000011419-E0H5YHelRgN20231221
J.P. Morgan Securities plc	21-Dec-2023 15:09:16	24	3625.0000	XLON	60003600000011349-E0H5YHelRi320231221
J.P. Morgan Securities plc	21-Dec-2023 15:09:45	274	3625.0000	XLON	64003640000011422-E0H5YHelSNT20231221
J.P. Morgan Securities plc	21-Dec-2023 15:09:45	37	3625.0000	XLON	64003640000011422-E0H5YHelSNV20231221
J.P. Morgan Securities plc	21-Dec-2023 15:10:51	225	3625.0000	XLON	64003640000011475-E0H5YHelTyF20231221
J.P. Morgan Securities plc	21-Dec-2023 15:11:42	21	3625.0000	XLON	64003640000011544-E0H5YHelUom20231221
J.P. Morgan Securities plc	21-Dec-2023 15:12:03	119	3626.0000	XLON	64003640000011567-E0H5YHelVHY20231221
J.P. Morgan Securities plc	21-Dec-2023 15:12:12	35	3626.0000	XLON	60003600000011485-E0H5YHelVNR20231221
J.P. Morgan Securities plc	21-Dec-2023 15:12:12	24	3626.0000	XLON	60003600000011485-E0H5YHelVNP20231221
J.P. Morgan Securities plc	21-Dec-2023 15:12:17	24	3626.0000	XLON	64003640000011579-E0H5YHelVvN20231221
J.P. Morgan Securities plc	21-Dec-2023 15:12:19	79	3626.0000	XLON	60003600000011490-E0H5YHelVaN20231221
J.P. Morgan Securities plc	21-Dec-2023 15:12:37	170	3626.0000	XLON	60003600000011490-E0H5YHelVsB20231221
J.P. Morgan Securities plc	21-Dec-2023 15:12:37	67	3626.0000	XLON	64003640000011583-E0H5YHelVsD20231221
J.P. Morgan Securities plc	21-Dec-2023 15:12:44	53	3626.0000	XLON	64003640000011594-E0H5YHelW1v20231221
J.P. Morgan Securities plc	21-Dec-2023 15:12:49	245	3626.0000	XLON	64003640000011597-E0H5YHelW8C20231221
J.P. Morgan Securities plc	21-Dec-2023 15:13:27	4	3627.0000	XLON	64003640000011620-E0H5YHelWyU20231221
J.P. Morgan Securities plc	21-Dec-2023 15:15:06	51	3628.0000	XLON	64003640000011679-E0H5YHelZz20231221
J.P. Morgan Securities plc	21-Dec-2023 15:15:06	206	3628.0000	XLON	64003640000011679-E0H5YHelZzb20231221
J.P. Morgan Securities plc	21-Dec-2023 15:15:07	30	3627.0000	XLON	64003640000011620-E0H5YHela0q20231221
J.P. Morgan Securities plc	21-Dec-2023 15:15:07	213	3627.0000	XLON	64003640000011620-E0H5YHela0s20231221
J.P. Morgan Securities plc	21-Dec-2023 15:15:07	24	3627.0000	XLON	64003640000011719-E0H5YHela1W20231221
J.P. Morgan Securities plc	21-Dec-2023 15:16:25	231	3627.0000	XLON	60003600000011655-E0H5YHelbUR20231221
J.P. Morgan Securities plc	21-Dec-2023 15:16:25	78	3627.0000	XLON	60003600000011655-E0H5YHelbUT20231221
J.P. Morgan Securities plc	21-Dec-2023 15:16:26	24	3627.0000	XLON	60003600000011730-E0H5YHelbXL20231221
J.P. Morgan Securities plc	21-Dec-2023 15:16:27	24	3627.0000	XLON	64003640000011793-E0H5YHelbYT20231221
J.P. Morgan Securities plc	21-Dec-2023 15:16:28	24	3627.0000	XLON	60003600000011732-E0H5YHelbZh20231221
J.P. Morgan Securities plc	21-Dec-2023 15:16:29	24	3627.0000	XLON	64003640000011796-E0H5YHelbC20231221
J.P. Morgan Securities plc	21-Dec-2023 15:16:30	24	3627.0000	XLON	60003600000011735-E0H5YHelbdj20231221
J.P. Morgan Securities plc	21-Dec-2023 15:16:31	49	3627.0000	XLON	64003640000011797-E0H5YHelbfH20231221
J.P. Morgan Securities plc	21-Dec-2023 15:16:31	274	3627.0000	XLON	64003640000011797-E0H5YHelbfO20231221
J.P. Morgan Securities plc	21-Dec-2023 15:16:33	267	3627.0000	XLON	64003640000011800-E0H5YHelbkA20231221
J.P. Morgan Securities plc	21-Dec-2023 15:19:06	27	3628.0000	XLON	60003600000011853-E0H5YHelaRn20231221
J.P. Morgan Securities plc	21-Dec-2023 15:19:07	9	3628.0000	XLON	64003640000011908-E0H5YHelaSp20231221
J.P. Morgan Securities plc	21-Dec-2023 15:19:09	33	3628.0000	XLON	64003640000011908-E0H5YHelaUV20231221





J.P. Morgan Securities plc	21-Dec-2023 15:27:10	138	3629.0000	XLON	60003600000012302-E0H5YYhelKn20231221
J.P. Morgan Securities plc	21-Dec-2023 15:27:31	68	3629.0000	XLON	60003600000012329-E0H5YYhelInE20231221
J.P. Morgan Securities plc	21-Dec-2023 15:27:31	29	3629.0000	XLON	60003600000012329-E0H5YYhelInA20231221
J.P. Morgan Securities plc	21-Dec-2023 15:27:31	54	3629.0000	XLON	60003600000012329-E0H5YYhelInC20231221
J.P. Morgan Securities plc	21-Dec-2023 15:27:43	1	3629.0000	XLON	60003600000012350-E0H5YYhelInua20231221
J.P. Morgan Securities plc	21-Dec-2023 15:27:44	58	3629.0000	XLON	60003600000012350-E0H5YYhelInv720231221
J.P. Morgan Securities plc	21-Dec-2023 15:27:47	228	3629.0000	XLON	60003600000012350-E0H5YYhelInvT20231221
J.P. Morgan Securities plc	21-Dec-2023 15:28:02	215	3628.0000	XLON	64003640000012334-E0H5YYhelCu20231221
J.P. Morgan Securities plc	21-Dec-2023 15:28:23	70	3628.0000	XLON	64003640000012479-E0H5YYhelokS20231221
J.P. Morgan Securities plc	21-Dec-2023 15:28:29	2	3628.0000	XLON	60003600000012398-E0H5YYhelotk20231221
J.P. Morgan Securities plc	21-Dec-2023 15:28:29	246	3628.0000	XLON	60003600000012398-E0H5YYhelotm20231221
J.P. Morgan Securities plc	21-Dec-2023 15:28:36	216	3627.0000	XLON	64003640000012069-E0H5YYhelozP20231221
J.P. Morgan Securities plc	21-Dec-2023 15:28:47	199	3626.0000	XLON	64003640000012474-E0H5YYhelCg20231221
J.P. Morgan Securities plc	21-Dec-2023 15:28:47	28	3626.0000	XLON	64003640000012474-E0H5YYhelCp20231221
J.P. Morgan Securities plc	21-Dec-2023 15:28:58	65	3625.0000	XLON	60003600000012412-E0H5YYhelNd20231221
J.P. Morgan Securities plc	21-Dec-2023 15:29:31	24	3626.0000	XLON	60003600000012444-E0H5YYhelq6F20231221
J.P. Morgan Securities plc	21-Dec-2023 15:29:32	24	3626.0000	XLON	64003640000012541-E0H5YYhelotk7820231221
J.P. Morgan Securities plc	21-Dec-2023 15:29:33	24	3626.0000	XLON	60003600000012446-E0H5YYhelq9C20231221
J.P. Morgan Securities plc	21-Dec-2023 15:29:35	42	3626.0000	XLON	64003640000012544-E0H5YYhelqCm20231221
J.P. Morgan Securities plc	21-Dec-2023 15:29:35	60	3626.0000	XLON	64003640000012544-E0H5YYhelqCj20231221
J.P. Morgan Securities plc	21-Dec-2023 15:29:35	107	3626.0000	XLON	64003640000012544-E0H5YYhelqD420231221
J.P. Morgan Securities plc	21-Dec-2023 15:29:35	133	3626.0000	XLON	64003640000012544-E0H5YYhelqD120231221
J.P. Morgan Securities plc	21-Dec-2023 15:31:03	301	3627.0000	XLON	60003600000012483-E0H5YYhelvM20231221
J.P. Morgan Securities plc	21-Dec-2023 15:31:46	70	3627.0000	XLON	60003600000012546-E0H5YYhelSd20231221
J.P. Morgan Securities plc	21-Dec-2023 15:31:46	49	3627.0000	XLON	60003600000012546-E0H5YYhelSb20231221
J.P. Morgan Securities plc	21-Dec-2023 15:32:08	24	3627.0000	XLON	60003600000012560-E0H5YYhelT3W20231221
J.P. Morgan Securities plc	21-Dec-2023 15:32:49	24	3628.0000	XLON	64003640000012700-E0H5YYhelTuB20231221
J.P. Morgan Securities plc	21-Dec-2023 15:32:50	24	3628.0000	XLON	60003600000012603-E0H5YYhelTzK20231221
J.P. Morgan Securities plc	21-Dec-2023 15:32:51	24	3628.0000	XLON	64003640000012703-E0H5YYhelTzK20231221
J.P. Morgan Securities plc	21-Dec-2023 15:32:52	114	3628.0000	XLON	60003600000012606-E0H5YYhelu0820231221
J.P. Morgan Securities plc	21-Dec-2023 15:32:52	24	3628.0000	XLON	60003600000012606-E0H5YYhelu0A20231221
J.P. Morgan Securities plc	21-Dec-2023 15:32:53	114	3628.0000	XLON	64003640000012704-E0H5YYhelu1A20231221
J.P. Morgan Securities plc	21-Dec-2023 15:32:53	24	3628.0000	XLON	64003640000012704-E0H5YYhelu1C20231221
J.P. Morgan Securities plc	21-Dec-2023 15:32:54	24	3628.0000	XLON	60003600000012607-E0H5YYhelu2520231221
J.P. Morgan Securities plc	21-Dec-2023 15:32:54	114	3628.0000	XLON	60003600000012607-E0H5YYhelu2320231221
J.P. Morgan Securities plc	21-Dec-2023 15:32:55	114	3628.0000	XLON	64003640000012706-E0H5YYhelu2q20231221
J.P. Morgan Securities plc	21-Dec-2023 15:32:59	42	3628.0000	XLON	60003600000012608-E0H5YYhelu8R20231221
J.P. Morgan Securities plc	21-Dec-2023 15:32:59	50	3628.0000	XLON	60003600000012608-E0H5YYhelu9U20231221
J.P. Morgan Securities plc	21-Dec-2023 15:32:59	38	3628.0000	XLON	60003600000012608-E0H5YYhelu9A20231221
J.P. Morgan Securities plc	21-Dec-2023 15:33:00	69	3628.0000	XLON	60003600000012608-E0H5YYhelu9Y20231221
J.P. Morgan Securities plc	21-Dec-2023 15:33:05	40	3628.0000	XLON	60003600000012608-E0H5YYheluEA20231221
J.P. Morgan Securities plc	21-Dec-2023 15:33:38	69	3628.0000	XLON	60003600000012608-E0H5YYhelume20231221
J.P. Morgan Securities plc	21-Dec-2023 15:33:38	194	3628.0000	XLON	64003640000012717-E0H5YYhelumg20231221
J.P. Morgan Securities plc	21-Dec-2023 15:33:39	20	3628.0000	XLON	64003640000012732-E0H5YYheluoM20231221
J.P. Morgan Securities plc	21-Dec-2023 15:33:39	24	3628.0000	XLON	64003640000012732-E0H5YYheluoK20231221
J.P. Morgan Securities plc	21-Dec-2023 15:33:41	24	3628.0000	XLON	60003600000012628-E0H5YYhelut520231221
J.P. Morgan Securities plc	21-Dec-2023 15:33:43	13	3628.0000	XLON	64003640000012733-E0H5YYheluwl20231221
J.P. Morgan Securities plc	21-Dec-2023 15:33:43	13	3628.0000	XLON	64003640000012733-E0H5YYheluwt20231221
J.P. Morgan Securities plc	21-Dec-2023 15:33:44	237	3628.0000	XLON	64003640000012733-E0H5YYheluG20231221
J.P. Morgan Securities plc	21-Dec-2023 15:35:40	266	3629.0000	XLON	64003640000012754-E0H5YYhelx8r20231221
J.P. Morgan Securities plc	21-Dec-2023 15:35:40	181	3628.0000	XLON	64003640000012750-E0H5YYhelx9Z20231221
J.P. Morgan Securities plc	21-Dec-2023 15:35:40	95	3628.0000	XLON	64003640000012750-E0H5YYhelx9W20231221
J.P. Morgan Securities plc	21-Dec-2023 15:35:41	35	3628.0000	XLON	64003640000012818-E0H5YYhelxAy20231221
J.P. Morgan Securities plc	21-Dec-2023 15:35:41	266	3628.0000	XLON	64003640000012818-E0H5YYhelxAi20231221
J.P. Morgan Securities plc	21-Dec-2023 15:35:42	24	3628.0000	XLON	64003640000012820-E0H5YYhelxDB20231221
J.P. Morgan Securities plc	21-Dec-2023 15:36:37	318	3629.0000	XLON	64003640000012841-E0H5YYhelYAi20231221
J.P. Morgan Securities plc	21-Dec-2023 15:36:38	20	3629.0000	XLON	64003640000012847-E0H5YYhelYC720231221
J.P. Morgan Securities plc	21-Dec-2023 15:36:38	24	3629.0000	XLON	64003640000012847-E0H5YYhelYCS20231221
J.P. Morgan Securities plc	21-Dec-2023 15:36:39	24	3629.0000	XLON	64003640000012848-E0H5YYhelYCU20231221
J.P. Morgan Securities plc	21-Dec-2023 15:36:39	28	3629.0000	XLON	64003640000012848-E0H5YYhelYCS20231221
J.P. Morgan Securities plc	21-Dec-2023 15:36:40	24	3629.0000	XLON	64003640000012850-E0H5YYhelYDt20231221
J.P. Morgan Securities plc	21-Dec-2023 15:37:32	314	3629.0000	XLON	60003600000012755-E0H5YYhelz8w20231221
J.P. Morgan Securities plc	21-Dec-2023 15:37:33	24	3629.0000	XLON	64003640000012896-E0H5YYhelzA520231221
J.P. Morgan Securities plc	21-Dec-2023 15:37:33	28	3629.0000	XLON	64003640000012896-E0H5YYhelzA720231221
J.P. Morgan Securities plc	21-Dec-2023 15:37:34	54	3629.0000	XLON	60003600000012808-E0H5YYhelzB620231221
J.P. Morgan Securities plc	21-Dec-2023 15:37:34	24	3629.0000	XLON	60003600000012808-E0H5YYhelzB420231221



J.P. Morgan Securities plc	21-Dec-2023 15:47:23	72	3632.0000	XLON	64003640000013387-E0H5YYhemA4h20231221
J.P. Morgan Securities plc	21-Dec-2023 15:47:24	72	3632.0000	XLON	60003600000013303-E0H5YYhemA6W20231221
J.P. Morgan Securities plc	21-Dec-2023 15:47:25	72	3632.0000	XLON	64003640000013391-E0H5YYhemA7K20231221
J.P. Morgan Securities plc	21-Dec-2023 15:48:46	23	3632.0000	XLON	64003640000013447-E0H5YYhemBWJ20231221
J.P. Morgan Securities plc	21-Dec-2023 15:48:46	227	3632.0000	XLON	60003600000013309-E0H5YYhemBVI20231221
J.P. Morgan Securities plc	21-Dec-2023 15:48:47	66	3632.0000	XLON	64003640000013448-E0H5YYhemBYa20231221
J.P. Morgan Securities plc	21-Dec-2023 15:48:47	77	3632.0000	XLON	64003640000013448-E0H5YYhemBYy20231221
J.P. Morgan Securities plc	21-Dec-2023 15:49:34	192	3632.0000	XLON	64003640000013449-E0H5YYhemCQo20231221
J.P. Morgan Securities plc	21-Dec-2023 15:49:34	24	3632.0000	XLON	64003640000013487-E0H5YYhemARV20231221
J.P. Morgan Securities plc	21-Dec-2023 15:49:35	77	3632.0000	XLON	60003600000013402-E0H5YYhemCRY20231221
J.P. Morgan Securities plc	21-Dec-2023 15:49:36	175	3632.0000	XLON	64003640000013489-E0H5YYhemCSW20231221
J.P. Morgan Securities plc	21-Dec-2023 15:50:05	19	3632.0000	XLON	64003640000013489-E0H5YYhemCvN20231221
J.P. Morgan Securities plc	21-Dec-2023 15:50:05	44	3632.0000	XLON	60003600000013408-E0H5YYhemCvV20231221
J.P. Morgan Securities plc	21-Dec-2023 15:50:05	62	3632.0000	XLON	64003640000013489-E0H5YYhemCvT20231221
J.P. Morgan Securities plc	21-Dec-2023 15:50:05	24	3632.0000	XLON	60003600000013425-E0H5YYhemCw120231221
J.P. Morgan Securities plc	21-Dec-2023 15:50:05	95	3632.0000	XLON	60003600000013408-E0H5YYhemCvX20231221
J.P. Morgan Securities plc	21-Dec-2023 15:50:06	77	3632.0000	XLON	60003600000013426-E0H5YYhemCY320231221
J.P. Morgan Securities plc	21-Dec-2023 15:50:06	24	3632.0000	XLON	60003600000013426-E0H5YYhemCy520231221
J.P. Morgan Securities plc	21-Dec-2023 15:50:07	24	3632.0000	XLON	64003640000013508-E0H5YYhemCz920231221
J.P. Morgan Securities plc	21-Dec-2023 15:50:08	24	3632.0000	XLON	60003600000013427-E0H5YYhemD1A20231221
J.P. Morgan Securities plc	21-Dec-2023 15:50:09	13	3632.0000	XLON	64003640000013509-E0H5YYhemD1z20231221
J.P. Morgan Securities plc	21-Dec-2023 15:50:09	90	3632.0000	XLON	64003640000013509-E0H5YYhemDD2120231221
J.P. Morgan Securities plc	21-Dec-2023 15:50:22	68	3632.0000	XLON	64003640000013509-E0H5YYhemDDA20231221
J.P. Morgan Securities plc	21-Dec-2023 15:50:22	99	3632.0000	XLON	64003640000013509-E0H5YYhemDD820231221
J.P. Morgan Securities plc	21-Dec-2023 15:50:23	24	3632.0000	XLON	60003600000013433-E0H5YYhemDEI20231221
J.P. Morgan Securities plc	21-Dec-2023 15:50:24	24	3632.0000	XLON	64003640000013517-E0H5YYhemDEh20231221
J.P. Morgan Securities plc	21-Dec-2023 15:50:25	236	3632.0000	XLON	60003600000013435-E0H5YYhemDHQ20231221
J.P. Morgan Securities plc	21-Dec-2023 15:50:26	24	3632.0000	XLON	64003640000013518-E0H5YYhemDJ20231221
J.P. Morgan Securities plc	21-Dec-2023 15:50:48	16	3631.0000	XLON	64003640000013520-E0H5YYhemDIX20231221
J.P. Morgan Securities plc	21-Dec-2023 15:50:48	277	3631.0000	XLON	64003640000013520-E0H5YYhemDlq20231221
J.P. Morgan Securities plc	21-Dec-2023 15:52:20	15	3631.0000	XLON	60003600000013466-E0H5YYhemFP320231221
J.P. Morgan Securities plc	21-Dec-2023 15:52:20	24	3631.0000	XLON	64003640000013580-E0H5YYhemFPd20231221
J.P. Morgan Securities plc	21-Dec-2023 15:52:20	273	3631.0000	XLON	60003600000013466-E0H5YYhemFP520231221
J.P. Morgan Securities plc	21-Dec-2023 15:52:21	24	3631.0000	XLON	60003600000013507-E0H5YYhemFSZ20231221
J.P. Morgan Securities plc	21-Dec-2023 15:52:21	99	3631.0000	XLON	60003600000013507-E0H5YYhemFSX20231221
J.P. Morgan Securities plc	21-Dec-2023 15:53:01	88	3632.0000	XLON	64003640000013600-E0H5YYhemGBZ20231221
J.P. Morgan Securities plc	21-Dec-2023 15:53:01	24	3632.0000	XLON	64003640000013600-E0H5YYhemGBb20231221
J.P. Morgan Securities plc	21-Dec-2023 15:53:02	24	3632.0000	XLON	60003600000013528-E0H5YYhemGF20231221
J.P. Morgan Securities plc	21-Dec-2023 15:53:03	24	3632.0000	XLON	60003600000013530-E0H5YYhemGld20231221
J.P. Morgan Securities plc	21-Dec-2023 15:53:04	257	3632.0000	XLON	64003640000013606-E0H5YYhemGL620231221
J.P. Morgan Securities plc	21-Dec-2023 15:53:04	17	3632.0000	XLON	64003640000013606-E0H5YYhemGLD20231221
J.P. Morgan Securities plc	21-Dec-2023 15:53:05	24	3632.0000	XLON	60003600000013532-E0H5YYhemGMs20231221
J.P. Morgan Securities plc	21-Dec-2023 15:53:06	177	3632.0000	XLON	64003640000013607-E0H5YYhemGQ320231221
J.P. Morgan Securities plc	21-Dec-2023 15:53:57	5	3632.0000	XLON	64003640000013607-E0H5YYhemHAJ20231221
J.P. Morgan Securities plc	21-Dec-2023 15:55:00	24	3632.0000	XLON	64003640000013646-E0H5YYhemHuY20231221
J.P. Morgan Securities plc	21-Dec-2023 15:55:00	244	3632.0000	XLON	60003600000013533-E0H5YYhemHtq20231221
J.P. Morgan Securities plc	21-Dec-2023 15:55:00	29	3632.0000	XLON	64003640000013607-E0H5YYhemHto20231221
J.P. Morgan Securities plc	21-Dec-2023 15:55:09	30	3632.0000	XLON	60003600000013569-E0H5YYhemI6920231221
J.P. Morgan Securities plc	21-Dec-2023 15:55:09	227	3632.0000	XLON	60003600000013569-E0H5YYhemI6B20231221
J.P. Morgan Securities plc	21-Dec-2023 15:55:10	110	3632.0000	XLON	64003640000013656-E0H5YYhemI6x20231221
J.P. Morgan Securities plc	21-Dec-2023 15:55:10	24	3632.0000	XLON	64003640000013656-E0H5YYhemI7120231221
J.P. Morgan Securities plc	21-Dec-2023 15:55:10	140	3632.0000	XLON	64003640000013656-E0H5YYhemI6z20231221
J.P. Morgan Securities plc	21-Dec-2023 15:55:11	24	3632.0000	XLON	60003600000013583-E0H5YYhemI7c20231221
J.P. Morgan Securities plc	21-Dec-2023 15:55:11	129	3632.0000	XLON	60003600000013583-E0H5YYhemI7a20231221
J.P. Morgan Securities plc	21-Dec-2023 15:55:12	181	3632.0000	XLON	64003640000013658-E0H5YYhemIAG20231221
J.P. Morgan Securities plc	21-Dec-2023 15:55:12	75	3632.0000	XLON	64003640000013658-E0H5YYhemIAD20231221
J.P. Morgan Securities plc	21-Dec-2023 15:57:02	46	3632.0000	XLON	60003600000013584-E0H5YYhemJn320231221
J.P. Morgan Securities plc	21-Dec-2023 15:57:45	28	3632.0000	XLON	64003640000013688-E0H5YYhemKpU20231221
J.P. Morgan Securities plc	21-Dec-2023 15:57:45	43	3632.0000	XLON	64003640000013688-E0H5YYhemKpX20231221
J.P. Morgan Securities plc	21-Dec-2023 15:57:45	210	3632.0000	XLON	60003600000013584-E0H5YYhemKpS20231221
J.P. Morgan Securities plc	21-Dec-2023 15:57:45	288	3631.0000	XLON	64003640000013581-E0H5YYhemKpu20231221
J.P. Morgan Securities plc	21-Dec-2023 15:57:45	186	3631.0000	XLON	60003600000013610-E0H5YYhemKq420231221
J.P. Morgan Securities plc	21-Dec-2023 15:57:47	24	3632.0000	XLON	64003640000013762-E0H5YYhemKy920231221
J.P. Morgan Securities plc	21-Dec-2023 15:57:47	6	3631.0000	XLON	60003600000013673-E0H5YYhemKxT20231221
J.P. Morgan Securities plc	21-Dec-2023 15:57:48	24	3632.0000	XLON	60003600000013686-E0H5YYhemKzI20231221
J.P. Morgan Securities plc	21-Dec-2023 15:57:48	17	3632.0000	XLON	60003600000013686-E0H5YYhemKzj20231221

















J.P. Morgan Securities plc	21-Dec-2023 16:28:43	173	3633.0000	XLON	60003600000015484-E0H5YYhemuuQ20231221
J.P. Morgan Securities plc	21-Dec-2023 16:28:43	138	3633.0000	XLON	60003600000015484-E0H5YYhemuuI20231221
J.P. Morgan Securities plc	21-Dec-2023 16:29:30	10	3633.0000	XLON	60003600000015548-E0H5YYhemvvd20231221
J.P. Morgan Securities plc	21-Dec-2023 16:29:43	78	3633.0000	XLON	60003600000015548-E0H5YYhemvfw20231221
J.P. Morgan Securities plc	21-Dec-2023 16:29:57	88	3635.0000	XLON	64003640000015688-E0H5YYhemwyr20231221
J.P. Morgan Securities plc	21-Dec-2023 16:29:57	117	3635.0000	XLON	64003640000015688-E0H5YYhemwvy20231221
J.P. Morgan Securities plc	21-Dec-2023 16:29:57	88	3635.0000	XLON	64003640000015688-E0H5YYhemwyt20231221
J.P. Morgan Securities plc	21-Dec-2023 16:29:57	49	3635.0000	XLON	60003600000015605-E0H5YYhemwzB20231221
J.P. Morgan Securities plc	21-Dec-2023 16:29:57	37	3635.0000	XLON	64003640000015688-E0H5YYhemwyn20231221
J.P. Morgan Securities plc	21-Dec-2023 16:29:57	86	3635.0000	XLON	64003640000015688-E0H5YYhemwyp20231221
J.P. Morgan Securities plc	21-Dec-2023 16:30:00	1631	3635.0000	XLON	64003640000015689-E0H5YYhemx9620231221