Broker	Transaction Date and Time	Volume	Price (GBp)	Platform	Transaction Reference Number
J.P. Morgan Securities plc	12-Nov-2018 08:28:23	115	1420.0000	XLON	11503115000011604-E0brLvMVdnt520181112
J.P. Morgan Securities plc	12-Nov-2018 08:40:54	123	1414.0000	XLON	11503115000015654-E0brLvMVeBcP20181112
J.P. Morgan Securities plc	12-Nov-2018 09:20:51	5	1416.0000	XLON	11503115000030256-E0brLvMVf8p420181112
J.P. Morgan Securities plc	12-Nov-2018 14:05:34	2400	1419.5000	BATE	24503245000261195-39500ICW20181112
J.P. Morgan Securities plc	12-Nov-2018 14:05:34	115	1420.0000	XLON	01503015000097534-E0brLvMVkA4A20181112
J.P. Morgan Securities plc	12-Nov-2018 14:10:13	118	1420.0000	XLON	01503015000098498-E0brLvMVkENQ20181112
J.P. Morgan Securities plc	12-Nov-2018 14:17:22	117	1420.0000	XLON	01503015000100405-E0brLvMVkLq820181112
J.P. Morgan Securities plc	12-Nov-2018 14:20:38	115	1420.0000	XLON	11503115000100972-E0brLvMVkPDl20181112
J.P. Morgan Securities plc	12-Nov-2018 14:23:10	119	1420.0000	XLON	01503015000101600-E0brLvMVkRLk20181112
J.P. Morgan Securities plc	12-Nov-2018 14:23:32	120	1420.0000	XLON	01503015000101705-E0brLvMVkRkT20181112
J.P. Morgan Securities plc	12-Nov-2018 14:24:30	115	1420.0000	XLON	01503015000101901-E0brLvMVkSFN20181112
J.P. Morgan Securities plc	12-Nov-2018 14:32:07	115	1420.0000	XLON	11503115000104183-E0brLvMVkh3e20181112
J.P. Morgan Securities plc	12-Nov-2018 14:32:09	116	1420.0000	XLON	11503115000104209-E0brLvMVkhBR20181112
J.P. Morgan Securities plc	12-Nov-2018 14:33:53	115	1420.0000	XLON	01503015000104868-E0brLvMVklXU20181112
J.P. Morgan Securities plc	12-Nov-2018 14:33:53	12	1420.0000	XLON	01503015000104873-E0brLvMVklYC20181112
J.P. Morgan Securities plc	12-Nov-2018 14:33:53	108	1420.0000	XLON	01503015000104873-E0brLvMVklYA20181112
J.P. Morgan Securities plc	12-Nov-2018 14:35:49	400	1419.2500	XLON	931352435161005811
J.P. Morgan Securities plc	12-Nov-2018 14:37:32	120	1420.0000	XLON	11503115000106124-E0brLvMVktgh20181112
J.P. Morgan Securities plc	12-Nov-2018 14:38:42	115	1420.0000	XLON	01503015000106483-E0brLvMVkvzR20181112
J.P. Morgan Securities plc	12-Nov-2018 14:41:48	115	1420.0000	XLON	11503115000107103-E0brLvMVl1rt20181112
J.P. Morgan Securities plc	12-Nov-2018 14:41:49	120	1420.0000	XLON	01503015000107131-E0brLvMVl1u020181112
J.P. Morgan Securities plc	12-Nov-2018 14:41:50	115	1420.0000	XLON	01503015000107141-E0brLvMVl1wJ20181112
J.P. Morgan Securities plc	12-Nov-2018 14:41:50	121	1420.0000	XLON	11503115000107122-E0brLvMVl1wa20181112
J.P. Morgan Securities plc	12-Nov-2018 14:43:16	117	1419.0000	XLON	11503115000107452-E0brLvMVl4Lh20181112
J.P. Morgan Securities plc	12-Nov-2018 14:43:16	118	1419.0000	XLON	11503115000107453-E0brLvMVl4M220181112
J.P. Morgan Securities plc	12-Nov-2018 14:44:42	119	1419.0000	XLON	11503115000107800-E0brLvMVl6o420181112
J.P. Morgan Securities plc	12-Nov-2018 14:47:46	115	1419.0000	XLON	01503015000108645-E0brLvMVlC1F20181112
J.P. Morgan Securities plc	12-Nov-2018 14:47:48	86	1419.0000	XLON	01503015000108655-E0brLvMVlC4N20181112
J.P. Morgan Securities plc	12-Nov-2018 14:47:48	32	1419.0000	XLON	01503015000108655-E0brLvMVlC4P20181112
J.P. Morgan Securities plc	12-Nov-2018 14:56:08	400	1418.2500	XLON	931352435161069254
J.P. Morgan Securities plc	12-Nov-2018 15:00:29	4026	1419.5000	BATE	24503245000324760-39500LZ420181112
J.P. Morgan Securities plc	12-Nov-2018 15:00:31	2720	1419.5000	BATE	24503245000335967-39500LZC20181112
J.P. Morgan Securities plc	12-Nov-2018 15:00:52	84	1419.0000	XLON	11503115000112459-E0brLvMVlbhy20181112
J.P. Morgan Securities plc	12-Nov-2018 15:00:52	32	1419.0000	XLON	11503115000112459-E0brLvMVlbhw20181112
J.P. Morgan Securities plc	12-Nov-2018 15:00:53	12	1419.0000	XLON	11503115000112462-E0brLvMVlbiT20181112
J.P. Morgan Securities plc	12-Nov-2018 15:00:53	104	1419.0000	XLON	11503115000112462-E0brLvMVlbiV20181112
J.P. Morgan Securities plc	12-Nov-2018 15:00:53	115	1419.0000	XLON	11503115000112464-E0brLvMVlbim20181112
J.P. Morgan Securities plc	12-Nov-2018 15:00:54	96	1419.0000	XLON	11503115000112468-E0brLvMVlbkC20181112

J.P. Morgan Securities plc	12-Nov-2018 15:00:54	19	1419.0000	XLON	11503115000112468-E0brLvMVlbkE20181112
J.P. Morgan Securities plc	12-Nov-2018 15:04:47	115	1419.0000	XLON	11503115000113528-E0brLvMVlhR120181112
J.P. Morgan Securities plc	12-Nov-2018 15:04:48	58	1419.0000	XLON	11503115000113533-E0brLvMVlhTL20181112
J.P. Morgan Securities plc	12-Nov-2018 15:04:48	57	1419.0000	XLON	11503115000113533-E0brLvMVlhTJ20181112
J.P. Morgan Securities plc	12-Nov-2018 15:04:49	65	1419.0000	XLON	01503015000113640-E0brLvMVlhUa20181112
J.P. Morgan Securities plc	12-Nov-2018 15:04:49	33	1419.0000	XLON	01503015000113640-E0brLvMVlhUY20181112
J.P. Morgan Securities plc	12-Nov-2018 15:04:49	12	1419.0000	XLON	01503015000113640-E0brLvMVlhUU20181112
J.P. Morgan Securities plc	12-Nov-2018 15:04:49	7	1419.0000	XLON	01503015000113640-E0brLvMVlhUW20181112
J.P. Morgan Securities plc	12-Nov-2018 15:04:50	115	1419.0000	XLON	01503015000113648-E0brLvMVlhWQ20181112
J.P. Morgan Securities plc	12-Nov-2018 15:04:50	116	1419.0000	XLON	01503015000113649-E0brLvMVlhXR20181112
J.P. Morgan Securities plc	12-Nov-2018 15:05:31	1364	1418.5000	BATE	24503245000340963-39500MDG20181112
J.P. Morgan Securities plc	12-Nov-2018 15:05:33	1809	1418.5000	BATE	24503245000341955-39500MDV20181112
J.P. Morgan Securities plc	12-Nov-2018 15:05:44	70	1418.0000	XLON	01503015000113940-E0brLvMVljFg20181112
J.P. Morgan Securities plc	12-Nov-2018 15:05:44	45	1418.0000	XLON	01503015000113940-E0brLvMVljFi20181112
J.P. Morgan Securities plc	12-Nov-2018 15:06:01	117	1418.0000	XLON	01503015000113999-E0brLvMVljee20181112
J.P. Morgan Securities plc	12-Nov-2018 15:06:01	16	1418.0000	XLON	01503015000114000-E0brLvMVljex20181112
J.P. Morgan Securities plc	12-Nov-2018 15:06:01	105	1418.0000	XLON	01503015000114000-E0brLvMVljev20181112
J.P. Morgan Securities plc	12-Nov-2018 15:08:07	115	1418.0000	XLON	01503015000114719-E0brLvMVlnJM20181112
J.P. Morgan Securities plc	12-Nov-2018 15:08:07	32	1418.0000	XLON	11503115000114605-E0brLvMVlnJk20181112
J.P. Morgan Securities plc	12-Nov-2018 15:08:07	86	1418.0000	XLON	11503115000114605-E0brLvMVlnJm20181112
J.P. Morgan Securities plc	12-Nov-2018 15:08:08	119	1418.0000	XLON	01503015000114729-E0brLvMVlnKx20181112
J.P. Morgan Securities plc	12-Nov-2018 15:12:16	121	1417.0000	XLON	01503015000116132-E0brLvMVlv7Q20181112
J.P. Morgan Securities plc	12-Nov-2018 15:16:02	115	1417.0000	XLON	11503115000117141-E0brLvMVm1GA20181112
J.P. Morgan Securities plc	12-Nov-2018 15:20:56	115	1418.0000	XLON	11503115000118619-E0brLvMVm8eB20181112
J.P. Morgan Securities plc	12-Nov-2018 15:20:57	118	1418.0000	XLON	01503015000118699-E0brLvMVm8h520181112
J.P. Morgan Securities plc	12-Nov-2018 15:21:18	116	1418.0000	XLON	11503115000118818-E0brLvMVm9lU20181112
J.P. Morgan Securities plc	12-Nov-2018 15:21:18	121	1418.0000	XLON	11503115000118821-E0brLvMVm9mA20181112
J.P. Morgan Securities plc	12-Nov-2018 15:21:19	119	1418.0000	XLON	01503015000118898-E0brLvMVm9rB20181112
J.P. Morgan Securities plc	12-Nov-2018 15:21:20	115	1418.0000	XLON	11503115000118855-E0brLvMVmAAj20181112
J.P. Morgan Securities plc	12-Nov-2018 15:21:20	115	1418.0000	XLON	11503115000118846-E0brLvMVmA9G20181112
J.P. Morgan Securities plc	12-Nov-2018 15:22:10	118	1418.0000	XLON	11503115000119197-E0brLvMVmCQn20181112
J.P. Morgan Securities plc	12-Nov-2018 15:22:30	118	1418.0000	XLON	11503115000119397-E0brLvMVmDXU20181112
J.P. Morgan Securities plc	12-Nov-2018 15:23:27	117	1418.0000	XLON	01503015000119815-E0brLvMVmFOm20181112
J.P. Morgan Securities plc	12-Nov-2018 15:23:27	120	1418.0000	XLON	11503115000119759-E0brLvMVmFP420181112
J.P. Morgan Securities plc	12-Nov-2018 15:24:16	115	1418.0000	XLON	11503115000119964-E0brLvMVmGW520181112
J.P. Morgan Securities plc	12-Nov-2018 15:26:26	117	1418.0000	XLON	01503015000120775-E0brLvMVmJuL20181112
J.P. Morgan Securities plc	12-Nov-2018 15:26:27	115	1418.0000	XLON	01503015000120789-E0brLvMVmK1m20181112
J.P. Morgan Securities plc	12-Nov-2018 15:28:16	115	1418.0000	XLON	11503115000121295-E0brLvMVmN3M20181112
J.P. Morgan Securities plc	12-Nov-2018 15:28:17	115	1418.0000	XLON	11503115000121309-E0brLvMVmN5T20181112

J.P. Morgan Securities plc	12-Nov-2018 15:28:18	120	1418.0000	XLON	11503115000121319-E0brLvMVmN8A20181112
J.P. Morgan Securities plc	12-Nov-2018 15:29:55	115	1418.0000	XLON	01503015000121831-E0brLvMVmPs020181112
J.P. Morgan Securities plc	12-Nov-2018 15:30:40	119	1418.0000	XLON	01503015000122169-E0brLvMVmRX020181112
J.P. Morgan Securities plc	12-Nov-2018 15:35:23	118	1418.0000	XLON	11503115000123889-E0brLvMVma4R20181112
J.P. Morgan Securities plc	12-Nov-2018 15:35:24	115	1418.0000	XLON	01503015000123973-E0brLvMVma5P20181112
J.P. Morgan Securities plc	12-Nov-2018 15:35:25	115	1418.0000	XLON	01503015000123983-E0brLvMVma8a20181112
J.P. Morgan Securities plc	12-Nov-2018 15:35:26	115	1418.0000	XLON	01503015000123994-E0brLvMVmaBV20181112
J.P. Morgan Securities plc	12-Nov-2018 15:35:27	117	1418.0000	XLON	11503115000123930-E0brLvMVmaDm20181112
J.P. Morgan Securities plc	12-Nov-2018 15:35:28	115	1418.0000	XLON	11503115000123936-E0brLvMVmaF120181112
J.P. Morgan Securities plc	12-Nov-2018 15:35:29	115	1418.0000	XLON	11503115000123941-E0brLvMVmaH020181112
J.P. Morgan Securities plc	12-Nov-2018 15:35:29	115	1418.0000	XLON	11503115000123943-E0brLvMVmaHF20181112
J.P. Morgan Securities plc	12-Nov-2018 15:35:30	119	1418.0000	XLON	11503115000123948-E0brLvMVmaIR20181112
J.P. Morgan Securities plc	12-Nov-2018 15:35:31	115	1418.0000	XLON	01503015000124037-E0brLvMVmaKK20181112
J.P. Morgan Securities plc	12-Nov-2018 15:35:32	117	1418.0000	XLON	01503015000124040-E0brLvMVmaLJ20181112
J.P. Morgan Securities plc	12-Nov-2018 15:35:32	118	1418.0000	XLON	01503015000124042-E0brLvMVmaLb20181112
J.P. Morgan Securities plc	12-Nov-2018 15:35:33	115	1418.0000	XLON	11503115000123961-E0brLvMVmaMg20181112
J.P. Morgan Securities plc	12-Nov-2018 15:35:34	117	1418.0000	XLON	11503115000123967-E0brLvMVmaOt20181112
J.P. Morgan Securities plc	12-Nov-2018 15:35:35	115	1418.0000	XLON	01503015000124058-E0brLvMVmaPs20181112
J.P. Morgan Securities plc	12-Nov-2018 15:35:35	115	1418.0000	XLON	11503115000123975-E0brLvMVmaQJ20181112
J.P. Morgan Securities plc	12-Nov-2018 15:38:41	116	1418.0000	XLON	01503015000125282-E0brLvMVmh4q20181112
J.P. Morgan Securities plc	12-Nov-2018 15:47:11	120	1418.0000	XLON	01503015000128220-E0brLvMVmtDt20181112
J.P. Morgan Securities plc	12-Nov-2018 15:52:51	116	1416.0000	XLON	11503115000128119-E0brLvMVn1KD20181112
J.P. Morgan Securities plc	12-Nov-2018 15:59:40	115	1418.0000	XLON	11503115000132963-E0brLvMVnB5S20181112
J.P. Morgan Securities plc	12-Nov-2018 15:59:41	117	1418.0000	XLON	01503015000133091-E0brLvMVnB8320181112
J.P. Morgan Securities plc	12-Nov-2018 15:59:41	115	1418.0000	XLON	01503015000133095-E0brLvMVnB8I20181112
J.P. Morgan Securities plc	12-Nov-2018 16:00:27	17	1418.0000	XLON	01503015000133530-E0brLvMVnCfF20181112
J.P. Morgan Securities plc	12-Nov-2018 16:00:27	98	1418.0000	XLON	01503015000133530-E0brLvMVnCfD20181112
J.P. Morgan Securities plc	12-Nov-2018 16:04:32	120	1417.0000	XLON	11503115000134988-E0brLvMVnJEM20181112
J.P. Morgan Securities plc	12-Nov-2018 16:11:21	118	1417.0000	XLON	11503115000138167-E0brLvMVnT0L20181112
J.P. Morgan Securities plc	12-Nov-2018 16:22:32	120	1418.0000	XLON	01503015000143412-E0brLvMVnldH20181112
J.P. Morgan Securities plc	12-Nov-2018 16:27:46	32	1418.0000	XLON	11503115000146189-E0brLvMVnxDr20181112
J.P. Morgan Securities plc	12-Nov-2018 16:27:46	12	1418.0000	XLON	11503115000146189-E0brLvMVnxDp20181112
J.P. Morgan Securities plc	12-Nov-2018 16:27:46	76	1418.0000	XLON	11503115000146189-E0brLvMVnxDt20181112
J.P. Morgan Securities plc	12-Nov-2018 16:27:57	442	1418.0000	XLON	931352435161353731