

Date: 10/04/2017

Total number of shares purchased:	127,111
Average price paid per share:	1479.75 pence
Highest price paid per share:	1,480 pence
Lowest price paid per share:	1,478 pence

Total number of shares purchased according to trading venues:

Venue	#of shares	Average price per share
LSE	127,111	1479.75 pence

Individual trade details:

<u>Price (pence)</u>	<u>Date</u>	<u>Time</u>	<u>Quantity</u>	<u>Exchange venue</u>
1,480	10/04/2017	08:00:27	162	LSE
1,479	10/04/2017	08:01:04	1,387	LSE
1,479	10/04/2017	08:01:04	453	LSE
1,479	10/04/2017	08:01:04	170	LSE
1,479	10/04/2017	08:01:04	100	LSE
1,479	10/04/2017	08:01:04	100	LSE
1,479	10/04/2017	08:01:04	161	LSE
1,480	10/04/2017	08:03:43	187	LSE
1,480	10/04/2017	08:12:00	293	LSE
1,480	10/04/2017	08:12:00	1,850	LSE
1,480	10/04/2017	08:16:35	366	LSE
1,480	10/04/2017	08:16:35	400	LSE
1,480	10/04/2017	08:16:35	500	LSE
1,480	10/04/2017	08:16:35	650	LSE
1,480	10/04/2017	08:16:35	460	LSE
1,480	10/04/2017	08:16:35	200	LSE
1,480	10/04/2017	08:16:49	500	LSE
1,480	10/04/2017	08:16:49	890	LSE
1,480	10/04/2017	08:16:49	300	LSE
1,480	10/04/2017	08:19:59	348	LSE
1,480	10/04/2017	08:19:59	481	LSE
1,480	10/04/2017	08:19:59	438	LSE
1,480	10/04/2017	08:19:59	62	LSE
1,480	10/04/2017	08:20:00	79	LSE
1,480	10/04/2017	08:20:16	311	LSE
1,480	10/04/2017	08:20:16	300	LSE
1,480	10/04/2017	08:20:20	249	LSE
1,480	10/04/2017	08:25:22	393	LSE
1,480	10/04/2017	08:25:22	170	LSE
1,480	10/04/2017	08:26:05	146	LSE
1,480	10/04/2017	08:28:41	331	LSE
1,480	10/04/2017	08:28:41	400	LSE
1,480	10/04/2017	08:28:41	500	LSE
1,480	10/04/2017	08:28:41	316	LSE

1,480	10/04/2017	08:29:15	500	LSE
1,480	10/04/2017	08:29:20	400	LSE
1,480	10/04/2017	08:36:14	340	LSE
1,480	10/04/2017	08:36:14	645	LSE
1,480	10/04/2017	08:37:09	284	LSE
1,480	10/04/2017	08:37:10	550	LSE
1,480	10/04/2017	08:37:10	165	LSE
1,480	10/04/2017	08:37:20	266	LSE
1,480	10/04/2017	08:39:20	164	LSE
1,480	10/04/2017	08:39:24	500	LSE
1,480	10/04/2017	08:39:24	400	LSE
1,480	10/04/2017	08:39:24	439	LSE
1,480	10/04/2017	08:39:50	204	LSE
1,480	10/04/2017	08:39:50	965	LSE
1,480	10/04/2017	08:58:15	416	LSE
1,480	10/04/2017	08:58:15	400	LSE
1,480	10/04/2017	08:58:15	303	LSE
1,480	10/04/2017	08:58:42	239	LSE
1,480	10/04/2017	09:19:09	188	LSE
1,480	10/04/2017	09:19:10	500	LSE
1,480	10/04/2017	09:19:10	489	LSE
1,480	10/04/2017	09:19:10	500	LSE
1,480	10/04/2017	09:21:38	351	LSE
1,480	10/04/2017	09:21:38	4	LSE
1,480	10/04/2017	09:21:38	500	LSE
1,480	10/04/2017	09:21:38	100	LSE
1,480	10/04/2017	09:21:38	400	LSE
1,480	10/04/2017	09:21:38	600	LSE
1,480	10/04/2017	09:21:38	500	LSE
1,480	10/04/2017	09:21:38	330	LSE
1,480	10/04/2017	09:21:46	500	LSE
1,480	10/04/2017	09:21:46	12	LSE
1,479	10/04/2017	09:24:27	222	LSE
1,479	10/04/2017	09:24:44	392	LSE
1,480	10/04/2017	09:28:30	218	LSE
1,480	10/04/2017	09:30:47	26	LSE
1,480	10/04/2017	09:30:47	480	LSE
1,480	10/04/2017	09:30:47	440	LSE
1,480	10/04/2017	09:30:48	219	LSE
1,480	10/04/2017	09:35:19	242	LSE
1,480	10/04/2017	09:35:49	293	LSE
1,480	10/04/2017	10:38:23	78	LSE
1,480	10/04/2017	10:43:27	141	LSE
1,480	10/04/2017	10:43:27	173	LSE
1,480	10/04/2017	10:43:28	500	LSE
1,480	10/04/2017	10:43:28	374	LSE
1,480	10/04/2017	10:43:28	1,524	LSE
1,480	10/04/2017	10:43:28	405	LSE
1,480	10/04/2017	10:46:08	430	LSE
1,480	10/04/2017	10:46:11	500	LSE
1,480	10/04/2017	10:46:11	200	LSE
1,480	10/04/2017	10:46:11	129	LSE
1,480	10/04/2017	10:46:12	500	LSE
1,480	10/04/2017	10:46:12	200	LSE

1,480	10/04/2017	10:46:12	200	LSE
1,480	10/04/2017	10:46:12	600	LSE
1,480	10/04/2017	10:46:12	250	LSE
1,480	10/04/2017	10:46:12	173	LSE
1,480	10/04/2017	10:46:13	378	LSE
1,480	10/04/2017	10:46:13	546	LSE
1,480	10/04/2017	10:46:13	500	LSE
1,480	10/04/2017	10:46:13	250	LSE
1,480	10/04/2017	10:46:13	189	LSE
1,479	10/04/2017	10:50:21	1,845	LSE
1,480	10/04/2017	10:51:10	500	LSE
1,480	10/04/2017	10:51:10	527	LSE
1,480	10/04/2017	10:51:10	500	LSE
1,480	10/04/2017	10:51:10	323	LSE
1,480	10/04/2017	10:51:10	78	LSE
1,480	10/04/2017	10:51:13	500	LSE
1,480	10/04/2017	10:51:13	500	LSE
1,480	10/04/2017	10:51:15	337	LSE
1,479	10/04/2017	10:53:11	216	LSE
1,479	10/04/2017	10:53:11	249	LSE
1,479	10/04/2017	10:53:11	420	LSE
1,479	10/04/2017	10:53:11	500	LSE
1,479	10/04/2017	10:53:13	172	LSE
1,479	10/04/2017	10:53:15	65	LSE
1,479	10/04/2017	10:53:26	200	LSE
1,479	10/04/2017	10:53:26	500	LSE
1,479	10/04/2017	10:53:26	8	LSE
1,479	10/04/2017	10:53:27	128	LSE
1,479	10/04/2017	10:53:27	371	LSE
1,479	10/04/2017	10:56:06	550	LSE
1,479	10/04/2017	10:56:06	487	LSE
1,479	10/04/2017	10:57:21	55	LSE
1,479	10/04/2017	10:57:25	500	LSE
1,479	10/04/2017	10:57:25	81	LSE
1,479	10/04/2017	10:57:30	159	LSE
1,479	10/04/2017	10:59:20	296	LSE
1,479	10/04/2017	10:59:29	250	LSE
1,479	10/04/2017	11:02:27	25	LSE
1,479	10/04/2017	11:02:31	250	LSE
1,479	10/04/2017	11:02:44	200	LSE
1,479	10/04/2017	11:02:44	250	LSE
1,479	10/04/2017	11:02:49	500	LSE
1,479	10/04/2017	11:02:49	506	LSE
1,479	10/04/2017	11:03:47	100	LSE
1,479	10/04/2017	11:03:47	518	LSE
1,480	10/04/2017	11:06:25	103	LSE
1,480	10/04/2017	11:06:25	100	LSE
1,480	10/04/2017	11:06:25	151	LSE
1,480	10/04/2017	11:07:05	312	LSE
1,480	10/04/2017	11:07:05	65	LSE
1,480	10/04/2017	11:08:43	500	LSE
1,480	10/04/2017	11:08:44	430	LSE
1,480	10/04/2017	11:08:47	200	LSE
1,480	10/04/2017	11:08:47	250	LSE

1,480	10/04/2017	11:08:47	488	LSE
1,480	10/04/2017	11:09:00	99	LSE
1,480	10/04/2017	11:09:21	2	LSE
1,480	10/04/2017	11:09:21	270	LSE
1,480	10/04/2017	11:09:21	200	LSE
1,480	10/04/2017	11:09:21	550	LSE
1,480	10/04/2017	11:09:21	54	LSE
1,480	10/04/2017	11:09:21	100	LSE
1,480	10/04/2017	11:11:31	151	LSE
1,479	10/04/2017	11:12:15	21	LSE
1,480	10/04/2017	11:14:52	200	LSE
1,480	10/04/2017	11:14:52	709	LSE
1,480	10/04/2017	11:22:38	484	LSE
1,480	10/04/2017	11:22:38	600	LSE
1,480	10/04/2017	11:22:38	518	LSE
1,480	10/04/2017	11:22:38	402	LSE
1,480	10/04/2017	11:22:38	500	LSE
1,480	10/04/2017	11:22:38	100	LSE
1,480	10/04/2017	11:22:39	528	LSE
1,480	10/04/2017	11:24:43	350	LSE
1,480	10/04/2017	11:24:43	55	LSE
1,480	10/04/2017	11:24:43	200	LSE
1,480	10/04/2017	11:24:43	250	LSE
1,480	10/04/2017	11:24:43	130	LSE
1,480	10/04/2017	11:24:45	331	LSE
1,480	10/04/2017	11:24:45	115	LSE
1,480	10/04/2017	11:24:45	106	LSE
1,480	10/04/2017	11:26:25	460	LSE
1,480	10/04/2017	11:26:25	85	LSE
1,480	10/04/2017	11:28:15	205	LSE
1,479	10/04/2017	11:35:09	482	LSE
1,479	10/04/2017	11:35:10	295	LSE
1,480	10/04/2017	11:36:01	250	LSE
1,480	10/04/2017	11:36:01	518	LSE
1,480	10/04/2017	11:36:01	500	LSE
1,480	10/04/2017	11:36:01	417	LSE
1,480	10/04/2017	11:36:01	382	LSE
1,480	10/04/2017	11:38:17	102	LSE
1,480	10/04/2017	11:38:17	200	LSE
1,480	10/04/2017	11:38:17	222	LSE
1,480	10/04/2017	11:38:17	28	LSE
1,480	10/04/2017	11:38:17	191	LSE
1,480	10/04/2017	11:38:53	550	LSE
1,480	10/04/2017	11:38:53	500	LSE
1,480	10/04/2017	11:43:21	19	LSE
1,480	10/04/2017	11:44:10	410	LSE
1,480	10/04/2017	11:44:10	265	LSE
1,480	10/04/2017	11:44:51	155	LSE
1,480	10/04/2017	11:52:21	360	LSE
1,480	10/04/2017	11:56:09	370	LSE
1,480	10/04/2017	11:58:58	373	LSE
1,480	10/04/2017	11:58:58	600	LSE
1,480	10/04/2017	11:58:58	450	LSE
1,480	10/04/2017	12:46:18	351	LSE

1,480	10/04/2017	12:46:18	438	LSE
1,480	10/04/2017	12:46:18	197	LSE
1,479	10/04/2017	12:57:09	21	LSE
1,479	10/04/2017	12:57:09	616	LSE
1,479	10/04/2017	12:57:09	250	LSE
1,479	10/04/2017	12:57:09	500	LSE
1,479	10/04/2017	12:57:09	200	LSE
1,479	10/04/2017	12:57:09	200	LSE
1,479	10/04/2017	12:57:09	500	LSE
1,479	10/04/2017	12:57:09	177	LSE
1,479	10/04/2017	12:57:26	550	LSE
1,479	10/04/2017	12:57:26	297	LSE
1,479	10/04/2017	12:57:41	82	LSE
1,479	10/04/2017	12:57:45	79	LSE
1,479	10/04/2017	12:57:48	300	LSE
1,479	10/04/2017	12:57:50	200	LSE
1,479	10/04/2017	12:57:50	6	LSE
1,479	10/04/2017	13:06:10	500	LSE
1,479	10/04/2017	13:06:10	550	LSE
1,479	10/04/2017	13:06:11	500	LSE
1,479	10/04/2017	13:06:11	105	LSE
1,479	10/04/2017	13:07:09	241	LSE
1,478	10/04/2017	13:13:23	600	LSE
1,478	10/04/2017	13:13:23	143	LSE
1,479	10/04/2017	13:14:35	222	LSE
1,479	10/04/2017	13:14:35	400	LSE
1,479	10/04/2017	13:14:35	500	LSE
1,479	10/04/2017	13:14:58	200	LSE
1,479	10/04/2017	13:14:58	547	LSE
1,479	10/04/2017	13:15:26	206	LSE
1,479	10/04/2017	13:15:38	278	LSE
1,480	10/04/2017	13:22:58	53	LSE
1,480	10/04/2017	13:22:58	200	LSE
1,480	10/04/2017	13:22:58	250	LSE
1,480	10/04/2017	13:22:58	200	LSE
1,480	10/04/2017	13:22:58	550	LSE
1,480	10/04/2017	13:22:58	600	LSE
1,480	10/04/2017	13:22:58	1,479	LSE
1,480	10/04/2017	13:22:58	98	LSE
1,480	10/04/2017	13:22:58	136	LSE
1,480	10/04/2017	13:22:58	500	LSE
1,480	10/04/2017	13:22:58	138	LSE
1,480	10/04/2017	13:24:53	236	LSE
1,480	10/04/2017	13:31:20	161	LSE
1,480	10/04/2017	13:35:42	192	LSE
1,480	10/04/2017	13:35:42	237	LSE
1,480	10/04/2017	13:35:42	250	LSE
1,480	10/04/2017	13:35:42	490	LSE
1,480	10/04/2017	13:35:42	523	LSE
1,480	10/04/2017	13:35:42	231	LSE
1,480	10/04/2017	13:40:48	348	LSE
1,480	10/04/2017	13:40:48	281	LSE
1,480	10/04/2017	13:43:14	302	LSE
1,480	10/04/2017	13:43:14	83	LSE

1,480	10/04/2017	13:43:14	500	LSE
1,480	10/04/2017	13:43:14	326	LSE
1,480	10/04/2017	14:03:46	357	LSE
1,480	10/04/2017	14:03:46	416	LSE
1,480	10/04/2017	14:03:46	600	LSE
1,480	10/04/2017	14:03:46	500	LSE
1,480	10/04/2017	14:03:46	55	LSE
1,480	10/04/2017	14:03:46	277	LSE
1,480	10/04/2017	14:03:46	165	LSE
1,480	10/04/2017	14:15:03	400	LSE
1,480	10/04/2017	14:15:03	600	LSE
1,480	10/04/2017	14:15:03	400	LSE
1,480	10/04/2017	14:15:03	500	LSE
1,480	10/04/2017	14:15:03	500	LSE
1,480	10/04/2017	14:15:03	500	LSE
1,480	10/04/2017	14:15:03	430	LSE
1,480	10/04/2017	14:15:03	398	LSE
1,480	10/04/2017	14:15:03	1,258	LSE
1,480	10/04/2017	14:15:03	500	LSE
1,480	10/04/2017	14:15:05	400	LSE
1,480	10/04/2017	14:15:05	470	LSE
1,480	10/04/2017	14:15:05	400	LSE
1,480	10/04/2017	14:15:05	355	LSE
1,480	10/04/2017	14:15:05	201	LSE
1,479	10/04/2017	14:24:40	356	LSE
1,479	10/04/2017	14:24:40	400	LSE
1,479	10/04/2017	14:24:40	500	LSE
1,479	10/04/2017	14:24:40	86	LSE
1,479	10/04/2017	14:24:40	518	LSE
1,479	10/04/2017	14:24:40	66	LSE
1,479	10/04/2017	14:36:30	471	LSE
1,479	10/04/2017	14:36:30	672	LSE
1,479	10/04/2017	14:37:05	141	LSE
1,479	10/04/2017	14:37:06	359	LSE
1,479	10/04/2017	14:37:06	500	LSE
1,479	10/04/2017	14:37:06	600	LSE
1,479	10/04/2017	14:37:06	288	LSE
1,479	10/04/2017	14:37:25	354	LSE
1,479	10/04/2017	14:37:25	300	LSE
1,479	10/04/2017	14:37:25	7	LSE
1,479	10/04/2017	14:40:20	184	LSE
1,479	10/04/2017	14:40:20	192	LSE
1,479	10/04/2017	14:41:01	400	LSE
1,479	10/04/2017	14:41:01	176	LSE
1,479	10/04/2017	14:41:35	282	LSE
1,479	10/04/2017	14:41:35	127	LSE
1,479	10/04/2017	14:41:35	242	LSE
1,479	10/04/2017	14:41:47	220	LSE
1,479	10/04/2017	14:41:47	575	LSE
1,479	10/04/2017	14:41:47	152	LSE
1,479	10/04/2017	14:41:49	153	LSE
1,479	10/04/2017	14:45:22	266	LSE
1,480	10/04/2017	14:55:11	451	LSE
1,480	10/04/2017	14:55:11	900	LSE

1,480	10/04/2017	14:55:11	490	LSE
1,480	10/04/2017	14:55:11	400	LSE
1,480	10/04/2017	14:55:11	500	LSE
1,480	10/04/2017	14:55:11	600	LSE
1,480	10/04/2017	14:55:11	400	LSE
1,480	10/04/2017	14:55:11	500	LSE
1,480	10/04/2017	14:55:11	600	LSE
1,480	10/04/2017	14:55:11	490	LSE
1,480	10/04/2017	14:55:11	500	LSE
1,480	10/04/2017	14:55:11	200	LSE
1,480	10/04/2017	14:55:11	100	LSE
1,480	10/04/2017	14:55:11	163	LSE
1,480	10/04/2017	14:55:11	100	LSE
1,480	10/04/2017	14:55:11	762	LSE
1,480	10/04/2017	14:55:11	500	LSE
1,480	10/04/2017	14:55:11	15	LSE
1,480	10/04/2017	14:55:15	158	LSE
1,480	10/04/2017	14:55:19	177	LSE
1,480	10/04/2017	15:03:38	414	LSE
1,480	10/04/2017	15:03:38	400	LSE
1,480	10/04/2017	15:03:38	420	LSE
1,480	10/04/2017	15:03:38	600	LSE
1,480	10/04/2017	15:03:38	343	LSE
1,480	10/04/2017	15:03:38	157	LSE
1,480	10/04/2017	15:03:38	205	LSE
1,480	10/04/2017	15:03:40	155	LSE
1,480	10/04/2017	15:03:40	245	LSE
1,480	10/04/2017	15:03:40	500	LSE
1,480	10/04/2017	15:03:40	169	LSE
1,480	10/04/2017	15:03:40	178	LSE
1,480	10/04/2017	15:04:06	449	LSE
1,480	10/04/2017	15:04:06	500	LSE
1,480	10/04/2017	15:04:06	362	LSE
1,480	10/04/2017	15:08:35	398	LSE
1,480	10/04/2017	15:17:57	373	LSE
1,480	10/04/2017	15:17:57	400	LSE
1,480	10/04/2017	15:17:57	500	LSE
1,480	10/04/2017	15:17:57	600	LSE
1,480	10/04/2017	15:17:57	267	LSE
1,480	10/04/2017	15:17:57	239	LSE
1,480	10/04/2017	15:17:57	154	LSE
1,480	10/04/2017	15:24:37	364	LSE
1,480	10/04/2017	15:24:37	2,941	LSE
1,480	10/04/2017	16:13:24	405	LSE
1,480	10/04/2017	16:13:24	500	LSE
1,480	10/04/2017	16:13:24	600	LSE
1,480	10/04/2017	16:13:24	600	LSE
1,480	10/04/2017	16:13:24	500	LSE
1,480	10/04/2017	16:13:24	518	LSE
1,480	10/04/2017	16:13:24	400	LSE
1,480	10/04/2017	16:13:24	402	LSE