

Date: 21/03/2017

Total number of shares purchased:	145,613
Average price paid per share:	1,496.9 pence
Highest price paid per share:	1,500 pence
Lowest price paid per share:	1,490 pence

Total number of shares purchased according to trading venues:

Venue	#of shares	Average price per share
LSE	145,613	1,496.9 pence

Individual trade details:

<u>Price (pence)</u>	<u>Date</u>	<u>Time</u>	<u>Quantity</u>	<u>Exchange venue</u>
1,495	21/03/2017	09:54:11	159	LSE
1,495	21/03/2017	09:54:11	523	LSE
1,495	21/03/2017	09:54:11	68	LSE
1,495	21/03/2017	09:54:11	500	LSE
1,495	21/03/2017	09:54:11	491	LSE
1,494	21/03/2017	09:54:18	148	LSE
1,494	21/03/2017	09:54:18	236	LSE
1,494	21/03/2017	09:54:18	400	LSE
1,494	21/03/2017	09:54:18	500	LSE
1,494	21/03/2017	09:54:18	500	LSE
1,494	21/03/2017	09:54:19	6	LSE
1,494	21/03/2017	09:55:34	429	LSE
1,495	21/03/2017	09:55:58	500	LSE
1,495	21/03/2017	09:55:58	400	LSE
1,495	21/03/2017	09:55:58	53	LSE
1,495	21/03/2017	09:55:58	124	LSE
1,495	21/03/2017	09:55:58	70	LSE
1,495	21/03/2017	09:55:58	415	LSE
1,495	21/03/2017	09:55:58	500	LSE
1,495	21/03/2017	09:55:58	238	LSE
1,495	21/03/2017	09:55:58	293	LSE
1,495	21/03/2017	09:58:31	200	LSE
1,495	21/03/2017	09:58:31	18	LSE
1,495	21/03/2017	09:58:31	345	LSE
1,494	21/03/2017	10:00:15	371	LSE
1,494	21/03/2017	10:00:15	451	LSE
1,495	21/03/2017	10:01:52	250	LSE
1,495	21/03/2017	10:01:52	108	LSE
1,496	21/03/2017	10:03:47	500	LSE
1,496	21/03/2017	10:03:47	20	LSE
1,496	21/03/2017	10:03:47	167	LSE
1,496	21/03/2017	10:03:47	333	LSE
1,496	21/03/2017	10:03:47	276	LSE
1,496	21/03/2017	10:03:51	305	LSE

1,496	21/03/2017	10:03:52	500	LSE
1,496	21/03/2017	10:03:56	500	LSE
1,496	21/03/2017	10:03:56	550	LSE
1,496	21/03/2017	10:03:56	596	LSE
1,496	21/03/2017	10:07:32	350	LSE
1,496	21/03/2017	10:07:32	600	LSE
1,496	21/03/2017	10:07:32	250	LSE
1,496	21/03/2017	10:07:32	200	LSE
1,496	21/03/2017	10:07:32	196	LSE
1,496	21/03/2017	10:07:32	331	LSE
1,496	21/03/2017	10:08:36	378	LSE
1,496	21/03/2017	10:08:37	200	LSE
1,496	21/03/2017	10:08:37	600	LSE
1,496	21/03/2017	10:08:37	250	LSE
1,496	21/03/2017	10:08:37	306	LSE
1,497	21/03/2017	10:15:34	365	LSE
1,497	21/03/2017	10:15:34	700	LSE
1,497	21/03/2017	10:15:34	200	LSE
1,497	21/03/2017	10:15:34	141	LSE
1,496	21/03/2017	10:16:14	200	LSE
1,496	21/03/2017	10:16:14	316	LSE
1,497	21/03/2017	10:22:16	193	LSE
1,497	21/03/2017	10:22:16	1,849	LSE
1,497	21/03/2017	10:22:16	294	LSE
1,497	21/03/2017	10:22:16	153	LSE
1,497	21/03/2017	10:22:16	485	LSE
1,497	21/03/2017	10:26:02	312	LSE
1,497	21/03/2017	10:26:02	250	LSE
1,497	21/03/2017	10:26:02	200	LSE
1,497	21/03/2017	10:26:02	168	LSE
1,497	21/03/2017	10:26:02	505	LSE
1,498	21/03/2017	10:28:48	300	LSE
1,498	21/03/2017	10:28:48	136	LSE
1,498	21/03/2017	10:32:10	422	LSE
1,498	21/03/2017	10:32:20	160	LSE
1,498	21/03/2017	10:32:20	188	LSE
1,497	21/03/2017	10:35:35	337	LSE
1,498	21/03/2017	10:36:04	567	LSE
1,498	21/03/2017	10:36:04	205	LSE
1,498	21/03/2017	10:50:08	182	LSE
1,497	21/03/2017	10:52:03	316	LSE
1,497	21/03/2017	10:52:03	1,050	LSE
1,497	21/03/2017	10:52:03	429	LSE
1,497	21/03/2017	10:52:03	167	LSE
1,496	21/03/2017	10:55:02	430	LSE
1,496	21/03/2017	11:01:41	600	LSE
1,496	21/03/2017	11:01:41	170	LSE
1,496	21/03/2017	11:03:18	487	LSE
1,496	21/03/2017	11:03:18	213	LSE
1,496	21/03/2017	11:03:18	273	LSE
1,496	21/03/2017	11:03:26	292	LSE
1,497	21/03/2017	11:09:30	600	LSE
1,497	21/03/2017	11:09:30	195	LSE
1,497	21/03/2017	11:09:36	183	LSE

1,496	21/03/2017	11:10:43	226	LSE
1,496	21/03/2017	11:11:46	371	LSE
1,496	21/03/2017	11:11:46	200	LSE
1,496	21/03/2017	11:11:46	216	LSE
1,496	21/03/2017	11:11:46	190	LSE
1,496	21/03/2017	11:12:18	341	LSE
1,496	21/03/2017	11:13:24	292	LSE
1,496	21/03/2017	11:13:24	164	LSE
1,497	21/03/2017	11:18:45	200	LSE
1,497	21/03/2017	11:18:46	200	LSE
1,497	21/03/2017	11:18:46	500	LSE
1,497	21/03/2017	11:18:49	146	LSE
1,497	21/03/2017	11:19:23	180	LSE
1,497	21/03/2017	11:21:17	130	LSE
1,497	21/03/2017	11:21:17	171	LSE
1,496	21/03/2017	11:28:56	250	LSE
1,496	21/03/2017	11:28:56	159	LSE
1,495	21/03/2017	11:30:49	3	LSE
1,495	21/03/2017	11:30:49	44	LSE
1,495	21/03/2017	11:30:49	200	LSE
1,495	21/03/2017	11:30:49	250	LSE
1,495	21/03/2017	11:30:49	420	LSE
1,495	21/03/2017	11:30:49	96	LSE
1,495	21/03/2017	11:36:14	52	LSE
1,495	21/03/2017	11:36:14	68	LSE
1,495	21/03/2017	11:36:14	7	LSE
1,495	21/03/2017	11:36:14	230	LSE
1,494	21/03/2017	11:37:44	260	LSE
1,494	21/03/2017	11:37:44	258	LSE
1,494	21/03/2017	11:37:44	216	LSE
1,494	21/03/2017	11:37:44	500	LSE
1,494	21/03/2017	11:37:44	216	LSE
1,495	21/03/2017	11:37:46	524	LSE
1,495	21/03/2017	11:37:46	91	LSE
1,495	21/03/2017	11:37:46	600	LSE
1,495	21/03/2017	11:37:46	500	LSE
1,495	21/03/2017	11:37:46	760	LSE
1,495	21/03/2017	11:38:41	200	LSE
1,495	21/03/2017	11:38:41	250	LSE
1,495	21/03/2017	11:38:41	41	LSE
1,495	21/03/2017	11:38:41	433	LSE
1,495	21/03/2017	11:40:33	200	LSE
1,495	21/03/2017	11:40:33	250	LSE
1,496	21/03/2017	11:45:37	428	LSE
1,495	21/03/2017	11:46:02	28	LSE
1,495	21/03/2017	11:46:02	49	LSE
1,495	21/03/2017	11:46:02	430	LSE
1,495	21/03/2017	11:46:02	39	LSE
1,494	21/03/2017	11:48:09	216	LSE
1,494	21/03/2017	11:48:09	85	LSE
1,495	21/03/2017	11:50:40	421	LSE
1,495	21/03/2017	11:50:47	237	LSE
1,494	21/03/2017	11:55:45	59	LSE
1,494	21/03/2017	11:55:45	270	LSE

1,494	21/03/2017	11:55:45	250	LSE
1,494	21/03/2017	11:55:45	200	LSE
1,494	21/03/2017	11:55:45	577	LSE
1,494	21/03/2017	11:55:45	23	LSE
1,494	21/03/2017	11:55:45	179	LSE
1,493	21/03/2017	11:58:04	180	LSE
1,493	21/03/2017	11:59:54	381	LSE
1,493	21/03/2017	11:59:54	421	LSE
1,493	21/03/2017	11:59:54	464	LSE
1,493	21/03/2017	11:59:54	305	LSE
1,493	21/03/2017	12:02:30	7	LSE
1,493	21/03/2017	12:02:31	69	LSE
1,493	21/03/2017	12:03:25	250	LSE
1,493	21/03/2017	12:03:25	500	LSE
1,493	21/03/2017	12:03:25	200	LSE
1,493	21/03/2017	12:03:25	250	LSE
1,493	21/03/2017	12:03:25	250	LSE
1,493	21/03/2017	12:03:25	200	LSE
1,493	21/03/2017	12:03:26	179	LSE
1,492	21/03/2017	12:03:44	359	LSE
1,492	21/03/2017	12:03:44	200	LSE
1,492	21/03/2017	12:03:44	500	LSE
1,492	21/03/2017	12:03:44	621	LSE
1,492	21/03/2017	12:03:44	166	LSE
1,492	21/03/2017	12:04:52	600	LSE
1,492	21/03/2017	12:04:52	38	LSE
1,492	21/03/2017	12:04:52	564	LSE
1,492	21/03/2017	12:07:09	500	LSE
1,492	21/03/2017	12:07:09	550	LSE
1,492	21/03/2017	12:07:09	412	LSE
1,492	21/03/2017	12:08:28	200	LSE
1,492	21/03/2017	12:08:28	79	LSE
1,492	21/03/2017	12:08:30	200	LSE
1,492	21/03/2017	12:09:58	293	LSE
1,492	21/03/2017	12:09:58	159	LSE
1,491	21/03/2017	12:11:09	89	LSE
1,491	21/03/2017	12:11:09	264	LSE
1,491	21/03/2017	12:11:10	39	LSE
1,490	21/03/2017	12:14:01	176	LSE
1,491	21/03/2017	12:14:05	600	LSE
1,491	21/03/2017	12:14:05	323	LSE
1,491	21/03/2017	12:14:05	600	LSE
1,491	21/03/2017	12:14:05	509	LSE
1,492	21/03/2017	12:15:29	219	LSE
1,493	21/03/2017	12:15:43	160	LSE
1,493	21/03/2017	12:15:43	500	LSE
1,493	21/03/2017	12:15:43	9	LSE
1,493	21/03/2017	12:17:19	150	LSE
1,493	21/03/2017	12:17:19	507	LSE
1,494	21/03/2017	12:20:02	305	LSE
1,494	21/03/2017	12:20:02	600	LSE
1,494	21/03/2017	12:20:02	500	LSE
1,493	21/03/2017	12:20:06	500	LSE
1,493	21/03/2017	12:20:06	500	LSE

1,493	21/03/2017	12:20:06	549	LSE
1,493	21/03/2017	12:20:06	200	LSE
1,493	21/03/2017	12:20:06	250	LSE
1,493	21/03/2017	12:20:06	199	LSE
1,493	21/03/2017	12:20:06	301	LSE
1,493	21/03/2017	12:20:06	150	LSE
1,492	21/03/2017	12:20:14	250	LSE
1,492	21/03/2017	12:20:14	500	LSE
1,492	21/03/2017	12:20:14	135	LSE
1,492	21/03/2017	12:20:14	500	LSE
1,492	21/03/2017	12:20:15	37	LSE
1,492	21/03/2017	12:20:15	500	LSE
1,492	21/03/2017	12:20:15	11	LSE
1,492	21/03/2017	12:29:32	600	LSE
1,492	21/03/2017	12:29:32	103	LSE
1,492	21/03/2017	12:29:48	172	LSE
1,492	21/03/2017	12:30:11	247	LSE
1,492	21/03/2017	12:31:29	254	LSE
1,492	21/03/2017	12:33:01	107	LSE
1,492	21/03/2017	12:33:01	50	LSE
1,493	21/03/2017	12:33:47	200	LSE
1,494	21/03/2017	12:38:00	260	LSE
1,494	21/03/2017	12:38:16	153	LSE
1,494	21/03/2017	12:38:16	5	LSE
1,494	21/03/2017	12:40:31	300	LSE
1,496	21/03/2017	12:41:27	163	LSE
1,496	21/03/2017	12:44:04	404	LSE
1,497	21/03/2017	12:46:09	820	LSE
1,496	21/03/2017	12:48:19	30	LSE
1,496	21/03/2017	12:48:19	500	LSE
1,496	21/03/2017	12:48:19	200	LSE
1,496	21/03/2017	12:48:19	600	LSE
1,496	21/03/2017	12:48:19	250	LSE
1,496	21/03/2017	12:48:19	693	LSE
1,496	21/03/2017	12:48:19	226	LSE
1,495	21/03/2017	12:48:20	209	LSE
1,495	21/03/2017	12:53:02	214	LSE
1,495	21/03/2017	12:53:02	386	LSE
1,495	21/03/2017	12:53:02	287	LSE
1,494	21/03/2017	12:53:53	365	LSE
1,494	21/03/2017	12:53:53	410	LSE
1,494	21/03/2017	12:53:59	159	LSE
1,494	21/03/2017	12:54:05	205	LSE
1,494	21/03/2017	12:55:44	175	LSE
1,494	21/03/2017	13:05:03	295	LSE
1,494	21/03/2017	13:07:13	70	LSE
1,495	21/03/2017	13:18:43	314	LSE
1,496	21/03/2017	13:19:15	600	LSE
1,496	21/03/2017	13:19:15	500	LSE
1,496	21/03/2017	13:19:15	234	LSE
1,496	21/03/2017	13:19:15	600	LSE
1,496	21/03/2017	13:19:15	1,113	LSE
1,496	21/03/2017	13:23:18	500	LSE
1,496	21/03/2017	13:23:18	200	LSE

1,496	21/03/2017	13:23:18	340	LSE
1,496	21/03/2017	13:23:20	476	LSE
1,497	21/03/2017	13:23:36	752	LSE
1,497	21/03/2017	13:24:22	500	LSE
1,498	21/03/2017	13:25:10	188	LSE
1,499	21/03/2017	13:25:14	319	LSE
1,499	21/03/2017	13:25:14	7	LSE
1,499	21/03/2017	13:25:14	79	LSE
1,499	21/03/2017	13:25:14	195	LSE
1,498	21/03/2017	13:27:53	33	LSE
1,498	21/03/2017	13:28:00	800	LSE
1,498	21/03/2017	13:28:00	182	LSE
1,499	21/03/2017	13:29:29	600	LSE
1,499	21/03/2017	13:29:29	1,805	LSE
1,500	21/03/2017	13:29:38	670	LSE
1,500	21/03/2017	13:29:38	1,269	LSE
1,500	21/03/2017	13:29:38	1,530	LSE
1,500	21/03/2017	13:29:42	200	LSE
1,500	21/03/2017	13:29:42	648	LSE
1,500	21/03/2017	13:29:42	500	LSE
1,500	21/03/2017	13:29:42	250	LSE
1,500	21/03/2017	13:29:42	600	LSE
1,500	21/03/2017	13:29:42	10	LSE
1,500	21/03/2017	13:29:42	175	LSE
1,500	21/03/2017	13:29:47	323	LSE
1,500	21/03/2017	13:29:47	1,683	LSE
1,500	21/03/2017	13:29:47	1,400	LSE
1,500	21/03/2017	13:29:47	200	LSE
1,500	21/03/2017	13:29:47	521	LSE
1,500	21/03/2017	13:29:47	500	LSE
1,500	21/03/2017	13:29:47	64	LSE
1,500	21/03/2017	13:30:21	248	LSE
1,500	21/03/2017	13:30:30	430	LSE
1,500	21/03/2017	13:30:34	208	LSE
1,500	21/03/2017	13:30:49	213	LSE
1,500	21/03/2017	13:30:59	388	LSE
1,500	21/03/2017	13:30:59	500	LSE
1,500	21/03/2017	13:30:59	28	LSE
1,500	21/03/2017	13:31:14	452	LSE
1,500	21/03/2017	13:31:14	148	LSE
1,500	21/03/2017	13:31:14	11	LSE
1,500	21/03/2017	13:32:11	101	LSE
1,500	21/03/2017	13:32:11	76	LSE
1,500	21/03/2017	13:32:32	464	LSE
1,500	21/03/2017	13:33:57	402	LSE
1,500	21/03/2017	13:33:57	552	LSE
1,499	21/03/2017	13:34:26	333	LSE
1,499	21/03/2017	13:34:32	200	LSE
1,499	21/03/2017	13:34:32	191	LSE
1,499	21/03/2017	13:34:32	196	LSE
1,498	21/03/2017	13:35:31	250	LSE
1,498	21/03/2017	13:35:31	600	LSE
1,498	21/03/2017	13:35:31	100	LSE
1,498	21/03/2017	13:35:31	65	LSE

1,498	21/03/2017	13:35:31	204	LSE
1,498	21/03/2017	13:44:05	470	LSE
1,498	21/03/2017	13:44:05	650	LSE
1,498	21/03/2017	13:44:05	500	LSE
1,498	21/03/2017	13:44:05	500	LSE
1,498	21/03/2017	13:44:05	200	LSE
1,498	21/03/2017	13:44:05	166	LSE
1,498	21/03/2017	13:44:05	216	LSE
1,499	21/03/2017	13:47:58	325	LSE
1,499	21/03/2017	13:47:58	397	LSE
1,499	21/03/2017	13:48:20	292	LSE
1,499	21/03/2017	13:48:20	182	LSE
1,499	21/03/2017	13:48:20	104	LSE
1,498	21/03/2017	13:48:44	259	LSE
1,498	21/03/2017	13:48:44	200	LSE
1,498	21/03/2017	13:48:44	600	LSE
1,498	21/03/2017	13:48:44	250	LSE
1,498	21/03/2017	13:48:44	1,435	LSE
1,498	21/03/2017	13:48:44	331	LSE
1,498	21/03/2017	13:48:44	500	LSE
1,499	21/03/2017	13:50:32	316	LSE
1,499	21/03/2017	13:50:32	1,172	LSE
1,499	21/03/2017	13:50:32	74	LSE
1,499	21/03/2017	13:50:32	250	LSE
1,499	21/03/2017	13:50:32	115	LSE
1,499	21/03/2017	13:54:08	213	LSE
1,498	21/03/2017	13:54:31	200	LSE
1,498	21/03/2017	13:54:31	250	LSE
1,498	21/03/2017	13:54:31	600	LSE
1,498	21/03/2017	13:54:31	101	LSE
1,499	21/03/2017	13:58:19	525	LSE
1,499	21/03/2017	13:58:19	305	LSE
1,499	21/03/2017	13:58:38	159	LSE
1,499	21/03/2017	13:58:38	418	LSE
1,499	21/03/2017	13:58:38	154	LSE
1,499	21/03/2017	13:58:38	46	LSE
1,499	21/03/2017	13:58:38	107	LSE
1,498	21/03/2017	13:59:32	413	LSE
1,498	21/03/2017	13:59:32	250	LSE
1,498	21/03/2017	13:59:32	200	LSE
1,498	21/03/2017	13:59:32	100	LSE
1,499	21/03/2017	14:00:41	382	LSE
1,499	21/03/2017	14:01:13	419	LSE
1,499	21/03/2017	14:01:15	500	LSE
1,499	21/03/2017	14:03:54	423	LSE
1,499	21/03/2017	14:03:54	550	LSE
1,499	21/03/2017	14:03:54	400	LSE
1,499	21/03/2017	14:03:54	33	LSE
1,499	21/03/2017	14:05:14	276	LSE
1,499	21/03/2017	14:05:14	224	LSE
1,499	21/03/2017	14:05:14	568	LSE
1,499	21/03/2017	14:05:14	324	LSE
1,499	21/03/2017	14:05:14	310	LSE
1,498	21/03/2017	14:08:12	600	LSE

1,498	21/03/2017	14:08:12	551	LSE
1,497	21/03/2017	14:12:33	323	LSE
1,497	21/03/2017	14:13:30	600	LSE
1,497	21/03/2017	14:13:30	152	LSE
1,497	21/03/2017	14:13:30	376	LSE
1,497	21/03/2017	14:13:30	102	LSE
1,498	21/03/2017	14:16:32	293	LSE
1,498	21/03/2017	14:16:32	245	LSE
1,498	21/03/2017	14:19:31	432	LSE
1,498	21/03/2017	14:19:31	600	LSE
1,498	21/03/2017	14:19:31	400	LSE
1,498	21/03/2017	14:19:31	213	LSE
1,498	21/03/2017	14:19:31	163	LSE
1,499	21/03/2017	14:21:27	332	LSE
1,499	21/03/2017	14:21:27	159	LSE
1,500	21/03/2017	14:36:04	326	LSE
1,500	21/03/2017	14:36:04	208	LSE
1,500	21/03/2017	14:36:04	142	LSE
1,500	21/03/2017	14:36:04	277	LSE
1,500	21/03/2017	14:36:06	1	LSE
1,500	21/03/2017	14:36:06	285	LSE
1,500	21/03/2017	14:36:07	124	LSE
1,500	21/03/2017	14:39:07	539	LSE
1,500	21/03/2017	14:39:07	500	LSE
1,500	21/03/2017	14:39:07	525	LSE
1,500	21/03/2017	14:39:08	247	LSE
1,500	21/03/2017	14:39:08	500	LSE
1,500	21/03/2017	14:39:08	215	LSE
1,500	21/03/2017	14:39:08	500	LSE
1,500	21/03/2017	14:57:34	276	LSE
1,500	21/03/2017	16:20:11	406	LSE
1,500	21/03/2017	16:22:28	50	LSE
1,500	21/03/2017	16:22:35	60	LSE
1,500	21/03/2017	16:22:37	401	LSE
1,500	21/03/2017	16:22:37	400	LSE
1,500	21/03/2017	16:22:37	500	LSE
1,500	21/03/2017	16:22:37	216	LSE
1,500	21/03/2017	16:22:37	500	LSE
1,500	21/03/2017	16:22:37	300	LSE
1,500	21/03/2017	16:22:37	2,616	LSE
1,500	21/03/2017	16:22:37	600	LSE
1,500	21/03/2017	16:22:37	500	LSE
1,500	21/03/2017	16:22:45	32	LSE
1,500	21/03/2017	16:22:45	216	LSE
1,500	21/03/2017	16:22:45	216	LSE
1,500	21/03/2017	16:22:45	430	LSE
1,500	21/03/2017	16:22:45	600	LSE
1,500	21/03/2017	16:22:45	500	LSE
1,500	21/03/2017	16:22:45	136	LSE
1,500	21/03/2017	16:22:45	216	LSE
1,500	21/03/2017	16:22:45	86	LSE
1,500	21/03/2017	16:22:45	216	LSE
1,500	21/03/2017	16:22:45	108	LSE
1,500	21/03/2017	16:23:08	456	LSE

1,500	21/03/2017	16:23:08	400	LSE
1,500	21/03/2017	16:23:08	216	LSE
1,500	21/03/2017	16:23:08	400	LSE
1,500	21/03/2017	16:23:08	600	LSE
1,500	21/03/2017	16:23:08	600	LSE
1,500	21/03/2017	16:23:08	500	LSE
1,500	21/03/2017	16:23:08	400	LSE
1,500	21/03/2017	16:23:08	400	LSE
1,500	21/03/2017	16:23:08	400	LSE
1,500	21/03/2017	16:23:08	35	LSE
1,500	21/03/2017	16:23:10	361	LSE
1,500	21/03/2017	16:23:46	47	LSE
1,500	21/03/2017	16:24:05	479	LSE
1,500	21/03/2017	16:26:01	136	LSE
1,500	21/03/2017	16:26:01	216	LSE
1,500	21/03/2017	16:26:01	135	LSE
1,500	21/03/2017	16:26:08	440	LSE
1,500	21/03/2017	16:26:08	460	LSE
1,500	21/03/2017	16:26:08	500	LSE
1,500	21/03/2017	16:26:08	267	LSE
1,500	21/03/2017	16:26:08	600	LSE
1,500	21/03/2017	16:26:08	199	LSE
1,500	21/03/2017	16:26:08	287	LSE