

Date: 09/12/2016

Total number of shares purchased:	269,533
Average price paid per share:	1,490.48 pence
Highest price paid per share:	1,492 pence
Lowest price paid per share:	1,483 pence

Total number of shares purchased according to trading venues:

Venue	#of shares	Average price per share
LSE	269,533	1,490.48 pence

Individual trade details:

<u>Price</u> <u>(pence)</u>	<u>Date</u>	<u>Time</u>	<u>Trading venue</u>	<u>Quantity</u>
1,485	09/12/2016	09:54:45	LSE	523
1,485	09/12/2016	09:54:45	LSE	282
1,485	09/12/2016	09:55:31	LSE	15
1,486	09/12/2016	09:57:01	LSE	1,230
1,486	09/12/2016	09:57:01	LSE	366
1,486	09/12/2016	09:57:51	LSE	380
1,485	09/12/2016	09:58:13	LSE	28
1,485	09/12/2016	09:58:13	LSE	600
1,485	09/12/2016	09:58:13	LSE	100
1,483	09/12/2016	10:00:00	LSE	170
1,485	09/12/2016	10:06:06	LSE	760
1,485	09/12/2016	10:06:06	LSE	386
1,484	09/12/2016	10:07:12	LSE	16
1,484	09/12/2016	10:07:12	LSE	25
1,484	09/12/2016	10:07:12	LSE	500
1,484	09/12/2016	10:07:12	LSE	297
1,483	09/12/2016	10:08:00	LSE	168
1,486	09/12/2016	10:12:15	LSE	500
1,486	09/12/2016	10:13:03	LSE	84
1,486	09/12/2016	10:13:03	LSE	600
1,486	09/12/2016	10:13:03	LSE	101
1,486	09/12/2016	10:16:18	LSE	384
1,486	09/12/2016	10:16:18	LSE	168
1,485	09/12/2016	10:17:03	LSE	180
1,485	09/12/2016	10:17:03	LSE	392
1,486	09/12/2016	10:19:43	LSE	336
1,486	09/12/2016	10:19:43	LSE	500
1,486	09/12/2016	10:19:43	LSE	65
1,485	09/12/2016	10:21:59	LSE	270
1,485	09/12/2016	10:21:59	LSE	210
1,485	09/12/2016	10:23:30	LSE	170
1,484	09/12/2016	10:25:07	LSE	729
1,484	09/12/2016	10:25:07	LSE	69

1,486	09/12/2016	10:31:02	LSE	266
1,486	09/12/2016	10:31:02	LSE	110
1,486	09/12/2016	10:31:02	LSE	640
1,486	09/12/2016	10:31:03	LSE	187
1,487	09/12/2016	10:34:57	LSE	165
1,486	09/12/2016	10:36:19	LSE	250
1,486	09/12/2016	10:36:19	LSE	278
1,486	09/12/2016	10:42:00	LSE	375
1,485	09/12/2016	10:44:41	LSE	116
1,485	09/12/2016	10:44:41	LSE	600
1,485	09/12/2016	10:44:41	LSE	110
1,485	09/12/2016	10:45:10	LSE	383
1,487	09/12/2016	10:46:52	LSE	398
1,487	09/12/2016	10:49:19	LSE	345
1,488	09/12/2016	10:54:18	LSE	500
1,488	09/12/2016	10:54:18	LSE	148
1,487	09/12/2016	10:57:08	LSE	172
1,487	09/12/2016	10:57:08	LSE	393
1,487	09/12/2016	10:57:08	LSE	69
1,487	09/12/2016	10:57:08	LSE	171
1,487	09/12/2016	10:57:08	LSE	374
1,488	09/12/2016	11:02:13	LSE	405
1,488	09/12/2016	11:02:13	LSE	250
1,488	09/12/2016	11:02:13	LSE	6
1,488	09/12/2016	11:03:20	LSE	459
1,489	09/12/2016	11:04:55	LSE	200
1,490	09/12/2016	11:11:05	LSE	325
1,490	09/12/2016	11:12:07	LSE	365
1,490	09/12/2016	11:15:01	LSE	167
1,490	09/12/2016	11:15:01	LSE	28
1,490	09/12/2016	11:15:01	LSE	500
1,490	09/12/2016	11:15:01	LSE	566
1,490	09/12/2016	11:50:08	LSE	284
1,490	09/12/2016	11:53:35	LSE	489
1,490	09/12/2016	11:53:35	LSE	600
1,490	09/12/2016	11:53:35	LSE	500
1,490	09/12/2016	11:53:35	LSE	204
1,490	09/12/2016	11:53:37	LSE	201
1,490	09/12/2016	11:53:37	LSE	498
1,490	09/12/2016	11:57:58	LSE	422
1,490	09/12/2016	12:06:22	LSE	600
1,490	09/12/2016	12:06:22	LSE	531
1,489	09/12/2016	12:08:00	LSE	441
1,489	09/12/2016	12:08:23	LSE	420
1,488	09/12/2016	12:09:16	LSE	500
1,488	09/12/2016	12:09:16	LSE	373
1,488	09/12/2016	12:09:52	LSE	259
1,489	09/12/2016	12:11:59	LSE	172
1,489	09/12/2016	12:11:59	LSE	80
1,489	09/12/2016	12:11:59	LSE	259
1,488	09/12/2016	12:12:11	LSE	126
1,488	09/12/2016	12:12:13	LSE	225
1,488	09/12/2016	12:12:54	LSE	396
1,488	09/12/2016	12:13:43	LSE	200

1,489	09/12/2016	12:16:25	LSE	500
1,489	09/12/2016	12:16:25	LSE	73
1,489	09/12/2016	12:16:37	LSE	205
1,489	09/12/2016	12:19:52	LSE	205
1,489	09/12/2016	12:19:55	LSE	519
1,488	09/12/2016	12:21:46	LSE	500
1,488	09/12/2016	12:21:46	LSE	369
1,489	09/12/2016	12:24:37	LSE	500
1,489	09/12/2016	12:26:58	LSE	159
1,489	09/12/2016	12:26:58	LSE	500
1,489	09/12/2016	12:26:58	LSE	490
1,489	09/12/2016	12:26:59	LSE	201
1,489	09/12/2016	12:35:53	LSE	153
1,489	09/12/2016	12:35:53	LSE	585
1,489	09/12/2016	12:35:53	LSE	399
1,489	09/12/2016	12:35:53	LSE	316
1,488	09/12/2016	12:38:22	LSE	250
1,488	09/12/2016	12:38:22	LSE	600
1,488	09/12/2016	12:38:22	LSE	381
1,488	09/12/2016	12:38:22	LSE	119
1,488	09/12/2016	12:38:22	LSE	96
1,487	09/12/2016	12:40:10	LSE	250
1,487	09/12/2016	12:40:10	LSE	128
1,487	09/12/2016	12:40:11	LSE	146
1,487	09/12/2016	12:40:11	LSE	375
1,488	09/12/2016	12:42:08	LSE	110
1,489	09/12/2016	12:42:38	LSE	245
1,488	09/12/2016	12:45:14	LSE	464
1,488	09/12/2016	12:45:14	LSE	635
1,488	09/12/2016	12:47:24	LSE	110
1,487	09/12/2016	12:49:27	LSE	142
1,487	09/12/2016	12:49:27	LSE	365
1,488	09/12/2016	12:50:16	LSE	150
1,488	09/12/2016	12:50:16	LSE	139
1,487	09/12/2016	12:55:36	LSE	93
1,487	09/12/2016	12:55:36	LSE	189
1,487	09/12/2016	12:55:36	LSE	246
1,488	09/12/2016	13:00:00	LSE	176
1,488	09/12/2016	13:02:23	LSE	269
1,489	09/12/2016	13:05:03	LSE	160
1,489	09/12/2016	13:05:03	LSE	698
1,488	09/12/2016	13:11:10	LSE	250
1,488	09/12/2016	13:11:10	LSE	196
1,488	09/12/2016	13:11:10	LSE	79
1,488	09/12/2016	13:11:15	LSE	79
1,488	09/12/2016	13:11:15	LSE	500
1,490	09/12/2016	13:23:11	LSE	56
1,490	09/12/2016	13:40:31	LSE	473
1,490	09/12/2016	13:42:58	LSE	439
1,490	09/12/2016	13:42:58	LSE	129
1,490	09/12/2016	13:42:58	LSE	500
1,490	09/12/2016	13:43:05	LSE	500
1,490	09/12/2016	13:43:05	LSE	39
1,490	09/12/2016	13:45:50	LSE	221

1,490	09/12/2016	13:47:15	LSE	241
1,490	09/12/2016	13:51:42	LSE	326
1,490	09/12/2016	13:51:42	LSE	69
1,490	09/12/2016	13:51:42	LSE	405
1,490	09/12/2016	13:53:20	LSE	305
1,490	09/12/2016	13:56:53	LSE	600
1,490	09/12/2016	13:56:53	LSE	126
1,490	09/12/2016	13:59:13	LSE	222
1,490	09/12/2016	14:05:26	LSE	69
1,490	09/12/2016	14:05:26	LSE	282
1,490	09/12/2016	14:07:40	LSE	14
1,490	09/12/2016	14:07:40	LSE	261
1,490	09/12/2016	14:07:40	LSE	163
1,490	09/12/2016	14:10:25	LSE	25
1,490	09/12/2016	14:10:25	LSE	258
1,490	09/12/2016	14:10:25	LSE	500
1,490	09/12/2016	14:10:25	LSE	600
1,490	09/12/2016	14:10:25	LSE	500
1,490	09/12/2016	14:10:25	LSE	175
1,490	09/12/2016	14:10:25	LSE	328
1,490	09/12/2016	14:12:06	LSE	233
1,490	09/12/2016	14:15:58	LSE	210
1,490	09/12/2016	14:15:58	LSE	500
1,490	09/12/2016	14:15:58	LSE	285
1,489	09/12/2016	14:16:17	LSE	252
1,490	09/12/2016	14:21:50	LSE	202
1,490	09/12/2016	14:25:04	LSE	243
1,490	09/12/2016	14:33:40	LSE	241
1,490	09/12/2016	14:37:17	LSE	282
1,490	09/12/2016	14:42:30	LSE	116
1,490	09/12/2016	14:42:30	LSE	500
1,490	09/12/2016	14:42:30	LSE	34
1,490	09/12/2016	14:42:37	LSE	362
1,490	09/12/2016	14:43:01	LSE	41
1,490	09/12/2016	14:43:01	LSE	139
1,490	09/12/2016	14:45:13	LSE	150
1,490	09/12/2016	14:45:13	LSE	151
1,490	09/12/2016	14:45:13	LSE	242
1,490	09/12/2016	14:47:26	LSE	800
1,490	09/12/2016	14:47:26	LSE	2
1,489	09/12/2016	14:49:03	LSE	348
1,489	09/12/2016	14:49:03	LSE	390
1,489	09/12/2016	14:49:03	LSE	26
1,489	09/12/2016	14:49:03	LSE	163
1,488	09/12/2016	14:50:53	LSE	600
1,488	09/12/2016	14:50:53	LSE	26
1,490	09/12/2016	14:52:13	LSE	500
1,489	09/12/2016	14:52:51	LSE	43
1,489	09/12/2016	14:52:51	LSE	419
1,489	09/12/2016	14:52:51	LSE	236
1,489	09/12/2016	14:56:21	LSE	919
1,489	09/12/2016	14:57:37	LSE	549
1,490	09/12/2016	14:58:15	LSE	216
1,490	09/12/2016	14:58:15	LSE	14

1,490	09/12/2016	14:58:15	LSE	590
1,490	09/12/2016	14:58:15	LSE	133
1,490	09/12/2016	14:58:15	LSE	107
1,490	09/12/2016	14:58:15	LSE	500
1,490	09/12/2016	14:58:15	LSE	500
1,490	09/12/2016	14:58:15	LSE	79
1,489	09/12/2016	15:00:46	LSE	479
1,489	09/12/2016	15:00:46	LSE	500
1,489	09/12/2016	15:00:46	LSE	870
1,489	09/12/2016	15:00:46	LSE	537
1,489	09/12/2016	15:00:46	LSE	196
1,489	09/12/2016	15:00:46	LSE	191
1,489	09/12/2016	15:02:10	LSE	239
1,490	09/12/2016	15:10:04	LSE	212
1,490	09/12/2016	15:10:04	LSE	500
1,490	09/12/2016	15:10:04	LSE	600
1,490	09/12/2016	15:10:04	LSE	823
1,490	09/12/2016	15:12:56	LSE	181
1,490	09/12/2016	15:14:02	LSE	468
1,490	09/12/2016	15:17:12	LSE	30
1,490	09/12/2016	15:17:12	LSE	460
1,490	09/12/2016	15:17:12	LSE	200
1,490	09/12/2016	15:17:21	LSE	384
1,490	09/12/2016	15:23:22	LSE	500
1,490	09/12/2016	15:24:43	LSE	354
1,490	09/12/2016	15:24:43	LSE	365
1,489	09/12/2016	15:26:45	LSE	500
1,489	09/12/2016	15:26:45	LSE	213
1,490	09/12/2016	15:30:05	LSE	330
1,490	09/12/2016	15:30:05	LSE	405
1,489	09/12/2016	15:31:09	LSE	185
1,489	09/12/2016	15:31:09	LSE	600
1,489	09/12/2016	15:31:09	LSE	600
1,489	09/12/2016	15:31:09	LSE	307
1,489	09/12/2016	15:31:09	LSE	199
1,490	09/12/2016	15:34:01	LSE	619
1,490	09/12/2016	15:34:01	LSE	196
1,490	09/12/2016	15:34:02	LSE	986
1,491	09/12/2016	15:44:07	LSE	69
1,491	09/12/2016	15:44:07	LSE	394
1,491	09/12/2016	15:46:39	LSE	384
1,491	09/12/2016	15:46:39	LSE	20
1,490	09/12/2016	15:49:53	LSE	714
1,490	09/12/2016	15:53:27	LSE	616
1,490	09/12/2016	15:53:27	LSE	2,805
1,490	09/12/2016	15:53:27	LSE	496
1,490	09/12/2016	15:53:28	LSE	616
1,491	09/12/2016	15:57:44	LSE	284
1,491	09/12/2016	15:57:44	LSE	1,264
1,491	09/12/2016	15:57:44	LSE	424
1,491	09/12/2016	15:57:44	LSE	2
1,491	09/12/2016	15:57:44	LSE	371
1,490	09/12/2016	16:02:59	LSE	342
1,490	09/12/2016	16:02:59	LSE	500

1,490	09/12/2016	16:02:59	LSE	69
1,490	09/12/2016	16:02:59	LSE	93
1,490	09/12/2016	16:02:59	LSE	600
1,490	09/12/2016	16:02:59	LSE	500
1,490	09/12/2016	16:02:59	LSE	265
1,490	09/12/2016	16:02:59	LSE	335
1,490	09/12/2016	16:02:59	LSE	32
1,490	09/12/2016	16:03:00	LSE	275
1,490	09/12/2016	16:03:00	LSE	188
1,489	09/12/2016	16:04:20	LSE	61
1,489	09/12/2016	16:04:20	LSE	600
1,489	09/12/2016	16:04:20	LSE	500
1,489	09/12/2016	16:04:20	LSE	600
1,489	09/12/2016	16:04:20	LSE	352
1,489	09/12/2016	16:04:20	LSE	500
1,489	09/12/2016	16:04:20	LSE	500
1,489	09/12/2016	16:04:20	LSE	462
1,489	09/12/2016	16:04:20	LSE	467
1,489	09/12/2016	16:04:20	LSE	313
1,489	09/12/2016	16:04:20	LSE	141
1,488	09/12/2016	16:07:22	LSE	54
1,488	09/12/2016	16:07:22	LSE	500
1,488	09/12/2016	16:07:22	LSE	600
1,488	09/12/2016	16:07:22	LSE	500
1,488	09/12/2016	16:07:22	LSE	132
1,488	09/12/2016	16:07:22	LSE	500
1,488	09/12/2016	16:07:22	LSE	500
1,488	09/12/2016	16:07:22	LSE	94
1,487	09/12/2016	16:07:22	LSE	500
1,487	09/12/2016	16:07:22	LSE	140
1,487	09/12/2016	16:07:22	LSE	140
1,487	09/12/2016	16:07:22	LSE	140
1,487	09/12/2016	16:07:22	LSE	500
1,487	09/12/2016	16:07:22	LSE	500
1,487	09/12/2016	16:07:22	LSE	600
1,487	09/12/2016	16:07:22	LSE	500
1,487	09/12/2016	16:07:22	LSE	140
1,489	09/12/2016	16:10:30	LSE	174
1,489	09/12/2016	16:10:30	LSE	995
1,489	09/12/2016	16:10:30	LSE	218
1,490	09/12/2016	16:11:16	LSE	226
1,490	09/12/2016	16:11:16	LSE	263
1,490	09/12/2016	16:12:27	LSE	28
1,490	09/12/2016	16:12:27	LSE	123
1,490	09/12/2016	16:12:27	LSE	29
1,491	09/12/2016	16:14:00	LSE	409
1,491	09/12/2016	16:14:00	LSE	424
1,491	09/12/2016	16:14:00	LSE	189
1,491	09/12/2016	16:14:00	LSE	500
1,491	09/12/2016	16:14:00	LSE	118
1,491	09/12/2016	16:14:00	LSE	134
1,491	09/12/2016	16:14:00	LSE	189
1,491	09/12/2016	16:14:00	LSE	53
1,491	09/12/2016	16:14:42	LSE	207

1,491	09/12/2016	16:14:42	LSE	500
1,491	09/12/2016	16:14:42	LSE	117
1,491	09/12/2016	16:14:42	LSE	1,435
1,491	09/12/2016	16:14:42	LSE	219
1,491	09/12/2016	16:14:42	LSE	31
1,491	09/12/2016	16:14:42	LSE	69
1,491	09/12/2016	16:14:42	LSE	360
1,491	09/12/2016	16:14:42	LSE	258
1,490	09/12/2016	16:15:24	LSE	542
1,490	09/12/2016	16:15:24	LSE	600
1,490	09/12/2016	16:15:24	LSE	513
1,490	09/12/2016	16:15:25	LSE	377
1,490	09/12/2016	16:19:41	LSE	7
1,491	09/12/2016	16:19:48	LSE	40
1,491	09/12/2016	16:19:48	LSE	1,088
1,491	09/12/2016	16:19:48	LSE	100
1,491	09/12/2016	16:19:48	LSE	95
1,491	09/12/2016	16:19:48	LSE	7
1,491	09/12/2016	16:19:48	LSE	95
1,491	09/12/2016	16:19:48	LSE	72
1,491	09/12/2016	16:19:48	LSE	850
1,491	09/12/2016	16:19:48	LSE	51
1,491	09/12/2016	16:19:48	LSE	35
1,491	09/12/2016	16:19:49	LSE	58
1,491	09/12/2016	16:20:08	LSE	522
1,491	09/12/2016	16:20:08	LSE	500
1,491	09/12/2016	16:20:08	LSE	600
1,491	09/12/2016	16:20:08	LSE	154
1,491	09/12/2016	16:20:08	LSE	165
1,490	09/12/2016	16:20:10	LSE	273
1,489	09/12/2016	16:21:23	LSE	165
1,489	09/12/2016	16:23:02	LSE	545
1,489	09/12/2016	16:23:24	LSE	436
1,489	09/12/2016	16:23:24	LSE	500
1,489	09/12/2016	16:23:24	LSE	600
1,489	09/12/2016	16:23:24	LSE	499
1,489	09/12/2016	16:23:24	LSE	500
1,489	09/12/2016	16:23:24	LSE	500
1,489	09/12/2016	16:23:24	LSE	500
1,489	09/12/2016	16:23:24	LSE	185
1,489	09/12/2016	16:23:24	LSE	1,601
1,489	09/12/2016	16:23:24	LSE	284
1,489	09/12/2016	16:23:24	LSE	161
1,488	09/12/2016	16:23:38	LSE	500
1,488	09/12/2016	16:23:38	LSE	500
1,488	09/12/2016	16:23:38	LSE	277
1,488	09/12/2016	16:23:38	LSE	399
1,488	09/12/2016	16:23:38	LSE	501
1,488	09/12/2016	16:23:38	LSE	240
1,489	09/12/2016	16:24:40	LSE	1,180
1,489	09/12/2016	16:24:40	LSE	290
1,490	09/12/2016	16:25:05	LSE	519
1,490	09/12/2016	16:25:05	LSE	266
1,489	09/12/2016	16:26:16	LSE	189

1,489	09/12/2016	16:26:21	LSE	294
1,489	09/12/2016	16:26:21	LSE	1,804
1,488	09/12/2016	16:26:30	LSE	420
1,488	09/12/2016	16:26:30	LSE	79
1,488	09/12/2016	16:26:30	LSE	303
1,488	09/12/2016	16:26:30	LSE	318
1,489	09/12/2016	16:27:17	LSE	480
1,489	09/12/2016	16:27:17	LSE	186
1,488	09/12/2016	16:28:05	LSE	600
1,488	09/12/2016	16:28:05	LSE	600
1,488	09/12/2016	16:28:05	LSE	363
1,488	09/12/2016	16:28:57	LSE	445
1,488	09/12/2016	16:28:57	LSE	470
1,488	09/12/2016	16:28:57	LSE	600
1,488	09/12/2016	16:28:57	LSE	421
1,488	09/12/2016	16:28:57	LSE	81
1,488	09/12/2016	16:28:57	LSE	144
1,489	09/12/2016	16:29:19	LSE	410
1,489	09/12/2016	16:29:19	LSE	602
1,489	09/12/2016	16:29:19	LSE	427
1,489	09/12/2016	16:29:19	LSE	231
1,492	09/12/2016	16:35:06	LSE	5,417
1,492	09/12/2016	16:35:06	LSE	1,196
1,492	09/12/2016	16:35:06	LSE	1,308
1,492	09/12/2016	16:35:06	LSE	1,795
1,492	09/12/2016	16:35:06	LSE	2,135
1,492	09/12/2016	16:35:06	LSE	2,825
1,492	09/12/2016	16:35:06	LSE	4,083
1,492	09/12/2016	16:35:06	LSE	1,047
1,492	09/12/2016	16:35:06	LSE	419
1,492	09/12/2016	16:35:06	LSE	11,589
1,492	09/12/2016	16:35:06	LSE	1,247
1,492	09/12/2016	16:35:06	LSE	1,021
1,492	09/12/2016	16:35:06	LSE	2,555
1,492	09/12/2016	16:35:06	LSE	2,560
1,492	09/12/2016	16:35:06	LSE	434
1,492	09/12/2016	16:35:06	LSE	47
1,492	09/12/2016	16:35:06	LSE	4,779
1,492	09/12/2016	16:35:06	LSE	375
1,492	09/12/2016	16:35:06	LSE	19,616
1,492	09/12/2016	16:35:06	LSE	2,400
1,492	09/12/2016	16:35:06	LSE	10,312
1,492	09/12/2016	16:35:06	LSE	3,590
1,492	09/12/2016	16:35:06	LSE	6,373
1,492	09/12/2016	16:35:06	LSE	457
1,492	09/12/2016	16:35:06	LSE	457
1,492	09/12/2016	16:35:06	LSE	359
1,492	09/12/2016	16:35:06	LSE	434
1,492	09/12/2016	16:35:06	LSE	5,090
1,492	09/12/2016	16:35:06	LSE	5,222
1,492	09/12/2016	16:35:06	LSE	1,880
1,492	09/12/2016	16:35:06	LSE	1,887
1,492	09/12/2016	16:35:06	LSE	1,200
1,492	09/12/2016	16:35:06	LSE	1,896

1,492	09/12/2016	16:35:06	LSE	42
1,492	09/12/2016	16:35:06	LSE	456
1,492	09/12/2016	16:35:06	LSE	359
1,492	09/12/2016	16:35:06	LSE	3,273
1,492	09/12/2016	16:35:06	LSE	5,835
1,492	09/12/2016	16:35:06	LSE	23,325