

Date: 12/12/2016

Total number of shares purchased:	69,945
Average price paid per share:	1,491.06 pence
Highest price paid per share:	1,495 pence
Lowest price paid per share:	1,479 pence

Total number of shares purchased according to trading venues:

Venue	#of shares	Average price per share
LSE	69,945	1,491.06 pence

Individual trade details:

<u>Price (pence)</u>	<u>Date</u>	<u>Time</u>	<u>Trading venue</u>	<u>Quantity</u>
1,488	12/12/2016	13:58:49	LSE	585
1,487	12/12/2016	14:06:49	LSE	516
1,487	12/12/2016	14:08:10	LSE	314
1,487	12/12/2016	14:08:10	LSE	500
1,487	12/12/2016	14:08:10	LSE	242
1,487	12/12/2016	14:08:18	LSE	592
1,487	12/12/2016	14:09:58	LSE	500
1,487	12/12/2016	14:09:58	LSE	216
1,486	12/12/2016	14:10:42	LSE	133
1,485	12/12/2016	14:11:59	LSE	500
1,485	12/12/2016	14:11:59	LSE	475
1,485	12/12/2016	14:12:00	LSE	290
1,485	12/12/2016	14:12:23	LSE	16
1,485	12/12/2016	14:14:02	LSE	287
1,485	12/12/2016	14:14:09	LSE	917
1,485	12/12/2016	14:14:09	LSE	1,097
1,485	12/12/2016	14:14:09	LSE	178
1,484	12/12/2016	14:14:31	LSE	439
1,484	12/12/2016	14:16:21	LSE	243
1,484	12/12/2016	14:16:45	LSE	376
1,483	12/12/2016	14:16:54	LSE	459
1,483	12/12/2016	14:16:54	LSE	323
1,482	12/12/2016	14:17:29	LSE	513
1,482	12/12/2016	14:18:42	LSE	369
1,481	12/12/2016	14:21:24	LSE	168
1,482	12/12/2016	14:22:51	LSE	169
1,482	12/12/2016	14:22:58	LSE	468
1,482	12/12/2016	14:22:58	LSE	500
1,482	12/12/2016	14:22:58	LSE	469
1,482	12/12/2016	14:22:58	LSE	257
1,481	12/12/2016	14:23:12	LSE	523
1,481	12/12/2016	14:23:12	LSE	42
1,479	12/12/2016	14:24:10	LSE	359
1,479	12/12/2016	14:24:36	LSE	304

1,481	12/12/2016	14:26:14	LSE	304
1,481	12/12/2016	14:26:14	LSE	181
1,482	12/12/2016	14:27:21	LSE	603
1,481	12/12/2016	14:27:55	LSE	10
1,481	12/12/2016	14:27:55	LSE	382
1,482	12/12/2016	14:30:05	LSE	218
1,483	12/12/2016	14:30:12	LSE	150
1,483	12/12/2016	14:30:12	LSE	150
1,484	12/12/2016	14:30:54	LSE	249
1,486	12/12/2016	14:33:03	LSE	500
1,486	12/12/2016	14:33:03	LSE	5
1,486	12/12/2016	14:33:49	LSE	175
1,486	12/12/2016	14:35:24	LSE	115
1,486	12/12/2016	14:35:26	LSE	500
1,486	12/12/2016	14:35:26	LSE	363
1,486	12/12/2016	14:36:59	LSE	74
1,487	12/12/2016	14:37:10	LSE	29
1,487	12/12/2016	14:37:10	LSE	180
1,487	12/12/2016	14:37:10	LSE	46
1,487	12/12/2016	14:37:10	LSE	526
1,487	12/12/2016	14:37:13	LSE	25
1,487	12/12/2016	14:37:13	LSE	250
1,487	12/12/2016	14:37:48	LSE	546
1,487	12/12/2016	14:37:48	LSE	7
1,486	12/12/2016	14:37:54	LSE	478
1,487	12/12/2016	14:38:51	LSE	192
1,488	12/12/2016	14:39:54	LSE	500
1,488	12/12/2016	14:39:54	LSE	179
1,487	12/12/2016	14:40:38	LSE	173
1,488	12/12/2016	14:42:50	LSE	207
1,488	12/12/2016	14:42:50	LSE	260
1,488	12/12/2016	14:42:50	LSE	400
1,488	12/12/2016	14:42:50	LSE	69
1,488	12/12/2016	14:43:09	LSE	233
1,488	12/12/2016	14:44:10	LSE	189
1,488	12/12/2016	14:46:32	LSE	590
1,488	12/12/2016	14:47:58	LSE	348
1,490	12/12/2016	14:50:35	LSE	295
1,490	12/12/2016	14:51:00	LSE	131
1,490	12/12/2016	14:51:00	LSE	550
1,490	12/12/2016	14:51:00	LSE	426
1,491	12/12/2016	14:51:42	LSE	111
1,491	12/12/2016	14:51:43	LSE	500
1,491	12/12/2016	14:51:43	LSE	553
1,491	12/12/2016	14:52:23	LSE	296
1,492	12/12/2016	14:52:27	LSE	470
1,491	12/12/2016	14:54:23	LSE	419
1,491	12/12/2016	14:54:23	LSE	1,000
1,491	12/12/2016	14:54:23	LSE	500
1,491	12/12/2016	14:54:23	LSE	219
1,491	12/12/2016	14:55:05	LSE	192
1,493	12/12/2016	14:56:50	LSE	582
1,493	12/12/2016	14:57:53	LSE	550
1,493	12/12/2016	14:57:55	LSE	200

1,493	12/12/2016	14:58:05	LSE	80
1,494	12/12/2016	14:58:31	LSE	313
1,493	12/12/2016	14:59:27	LSE	100
1,493	12/12/2016	14:59:27	LSE	300
1,493	12/12/2016	14:59:27	LSE	425
1,494	12/12/2016	15:01:11	LSE	453
1,494	12/12/2016	15:01:11	LSE	500
1,494	12/12/2016	15:01:11	LSE	500
1,494	12/12/2016	15:01:11	LSE	92
1,493	12/12/2016	15:02:54	LSE	178
1,492	12/12/2016	15:05:20	LSE	165
1,494	12/12/2016	15:07:44	LSE	165
1,494	12/12/2016	15:07:44	LSE	84
1,494	12/12/2016	15:07:45	LSE	500
1,494	12/12/2016	15:07:45	LSE	500
1,494	12/12/2016	15:07:45	LSE	600
1,494	12/12/2016	15:07:45	LSE	100
1,494	12/12/2016	15:07:45	LSE	24
1,494	12/12/2016	15:10:43	LSE	299
1,495	12/12/2016	15:15:19	LSE	200
1,495	12/12/2016	15:15:19	LSE	478
1,495	12/12/2016	15:16:20	LSE	395
1,495	12/12/2016	15:16:20	LSE	220
1,495	12/12/2016	15:19:47	LSE	178
1,495	12/12/2016	15:19:47	LSE	151
1,495	12/12/2016	15:22:09	LSE	500
1,495	12/12/2016	15:22:09	LSE	236
1,495	12/12/2016	15:28:00	LSE	87
1,495	12/12/2016	15:28:00	LSE	650
1,495	12/12/2016	15:28:00	LSE	600
1,495	12/12/2016	15:28:00	LSE	295
1,495	12/12/2016	15:28:00	LSE	205
1,495	12/12/2016	15:28:00	LSE	206
1,495	12/12/2016	15:56:55	LSE	693
1,495	12/12/2016	15:56:55	LSE	397
1,495	12/12/2016	15:56:55	LSE	100
1,495	12/12/2016	15:56:55	LSE	350
1,495	12/12/2016	16:00:13	LSE	238
1,495	12/12/2016	16:00:13	LSE	552
1,495	12/12/2016	16:00:13	LSE	500
1,495	12/12/2016	16:00:13	LSE	500
1,495	12/12/2016	16:00:13	LSE	500
1,495	12/12/2016	16:00:13	LSE	280
1,494	12/12/2016	16:00:25	LSE	133
1,494	12/12/2016	16:00:25	LSE	486
1,494	12/12/2016	16:00:25	LSE	500
1,494	12/12/2016	16:00:25	LSE	833
1,494	12/12/2016	16:00:25	LSE	500
1,494	12/12/2016	16:00:25	LSE	192
1,494	12/12/2016	16:00:25	LSE	490
1,494	12/12/2016	16:00:25	LSE	500
1,494	12/12/2016	16:00:28	LSE	388
1,494	12/12/2016	16:01:01	LSE	69
1,494	12/12/2016	16:01:01	LSE	320

1,494	12/12/2016	16:01:05	LSE	500
1,495	12/12/2016	16:10:59	LSE	67
1,495	12/12/2016	16:10:59	LSE	388
1,495	12/12/2016	16:10:59	LSE	427
1,494	12/12/2016	16:12:34	LSE	1,029
1,493	12/12/2016	16:13:04	LSE	101
1,493	12/12/2016	16:14:06	LSE	426
1,493	12/12/2016	16:14:06	LSE	966
1,493	12/12/2016	16:14:06	LSE	23
1,494	12/12/2016	16:16:16	LSE	344
1,494	12/12/2016	16:16:16	LSE	500
1,494	12/12/2016	16:16:16	LSE	181
1,494	12/12/2016	16:16:16	LSE	529
1,494	12/12/2016	16:16:16	LSE	381
1,494	12/12/2016	16:16:16	LSE	550
1,494	12/12/2016	16:16:16	LSE	108
1,494	12/12/2016	16:17:02	LSE	500
1,494	12/12/2016	16:17:02	LSE	384
1,495	12/12/2016	16:19:01	LSE	500
1,495	12/12/2016	16:19:01	LSE	460
1,495	12/12/2016	16:19:01	LSE	185
1,495	12/12/2016	16:19:01	LSE	430
1,495	12/12/2016	16:19:01	LSE	500
1,495	12/12/2016	16:19:01	LSE	600
1,495	12/12/2016	16:19:01	LSE	500
1,495	12/12/2016	16:19:01	LSE	57
1,495	12/12/2016	16:19:11	LSE	254
1,495	12/12/2016	16:19:19	LSE	480
1,495	12/12/2016	16:19:19	LSE	82
1,495	12/12/2016	16:20:06	LSE	35
1,495	12/12/2016	16:20:06	LSE	407
1,495	12/12/2016	16:20:06	LSE	600
1,495	12/12/2016	16:20:06	LSE	500
1,495	12/12/2016	16:20:06	LSE	644
1,495	12/12/2016	16:20:06	LSE	270
1,495	12/12/2016	16:20:06	LSE	230
1,495	12/12/2016	16:20:06	LSE	13
1,494	12/12/2016	16:22:00	LSE	600
1,494	12/12/2016	16:22:00	LSE	291
1,495	12/12/2016	16:25:56	LSE	100
1,495	12/12/2016	16:25:56	LSE	341
1,495	12/12/2016	16:25:56	LSE	574
1,495	12/12/2016	16:25:56	LSE	550
1,495	12/12/2016	16:25:56	LSE	1,554
1,495	12/12/2016	16:25:56	LSE	2,025
1,495	12/12/2016	16:25:56	LSE	130
1,495	12/12/2016	16:25:56	LSE	91
1,495	12/12/2016	16:25:56	LSE	800
1,495	12/12/2016	16:26:02	LSE	198
1,495	12/12/2016	16:28:53	LSE	501