

## Transaction in Own Shares

16 January 2019

Micro Focus International plc (the "**Company**") announces that on 15 January 2019 it purchased for Treasury the following number of its ordinary shares of 10 pence each pursuant to its \$400 million extended share buyback programme, details of which were announced on 6 November 2018.

### Aggregated information on shares purchased according to trading venues:

Venue	Volume weighted Average Price (GBP)	Aggregated Volume
XLON	14.8776	43,384
CHIX	14.8143	46,614
BATE	14.7250	2

A full breakdown of the individual trades is attached to this announcement.

### Schedule of Purchases

Shares purchased: Micro Focus International plc (ISIN Code: GB00BD8YWM01)

#### Individual transactions:

##### Ordinary shares

Transaction Date	Time Zone	Volume	Price (GBP)	Time	Trading Venue	Transaction Reference
15 January 2019	GMT	83	1,489.50	08:01:12	CHIX	19015XJq572
15 January 2019	GMT	36	1,493.00	08:01:12	XLON	19015XJq575
15 January 2019	GMT	128	1,487.50	08:02:53	CHIX	19015XJq5h2
15 January 2019	GMT	127	1,485.00	08:02:53	CHIX	19015XJq5h3
15 January 2019	GMT	81	1,483.50	08:03:09	CHIX	19015XJq5ij
15 January 2019	GMT	21	1,470.00	08:05:18	XLON	19015XJq5ql
15 January 2019	GMT	112	1,470.00	08:05:18	CHIX	19015XJq5qk
15 January 2019	GMT	13	1,470.00	08:05:18	CHIX	19015XJq5qm
15 January 2019	GMT	34	1,468.00	08:05:20	XLON	19015XJq5qr
15 January 2019	GMT	77	1,456.00	08:06:12	CHIX	19015XJq5uf
15 January 2019	GMT	77	1,456.00	08:06:12	CHIX	19015XJq5ug
15 January 2019	GMT	45	1,451.50	08:07:18	CHIX	19015XJq5xk
15 January 2019	GMT	18	1,453.50	08:07:48	CHIX	19015XJq5zh
15 January 2019	GMT	102	1,453.50	08:07:48	CHIX	19015XJq5zi
15 January 2019	GMT	54	1,449.50	08:08:01	CHIX	19015XJq60z
15 January 2019	GMT	58	1,449.50	08:08:01	CHIX	19015XJq610
15 January 2019	GMT	100	1,471.00	08:10:20	CHIX	19015XJq687
15 January 2019	GMT	52	1,475.00	08:11:55	CHIX	19015XJq6f7
15 January 2019	GMT	89	1,475.00	08:13:01	CHIX	19015XJq6jo
15 January 2019	GMT	168	1,475.00	08:13:01	XLON	19015XJq6jq
15 January 2019	GMT	36	1,474.50	08:13:01	XLON	19015XJq6js
15 January 2019	GMT	39	1,475.00	08:13:01	CHIX	19015XJq6ju
15 January 2019	GMT	17	1,474.50	08:13:01	CHIX	19015XJq6jp

15 January 2019	GMT	128	1,474.50	08:13:01	CHIX	19015XJq6jv
15 January 2019	GMT	72	1,474.50	08:13:01	CHIX	19015XJq6jr
15 January 2019	GMT	40	1,474.50	08:13:01	CHIX	19015XJq6jt
15 January 2019	GMT	56	1,474.50	08:13:01	XLON	19015XJq6jw
15 January 2019	GMT	74	1,474.50	08:13:01	XLON	19015XJq6jx
15 January 2019	GMT	107	1,474.00	08:13:01	CHIX	19015XJq6jz
15 January 2019	GMT	37	1,474.00	08:13:01	XLON	19015XJq6jy
15 January 2019	GMT	37	1,474.00	08:13:01	XLON	19015XJq6k0
15 January 2019	GMT	118	1,468.00	08:15:20	CHIX	19015XJq6rl
15 January 2019	GMT	126	1,470.50	08:18:39	CHIX	19015XJq736
15 January 2019	GMT	118	1,468.50	08:18:42	CHIX	19015XJq73d
15 January 2019	GMT	118	1,470.00	08:21:10	CHIX	19015XJq7eg
15 January 2019	GMT	161	1,470.00	08:21:10	CHIX	19015XJq7ef
15 January 2019	GMT	40	1,470.00	08:21:10	XLON	19015XJq7eh
15 January 2019	GMT	180	1,470.00	08:21:10	XLON	19015XJq7ei
15 January 2019	GMT	22	1,472.00	08:26:34	CHIX	19015XJq7ze
15 January 2019	GMT	97	1,472.00	08:26:34	CHIX	19015XJq7zf
15 January 2019	GMT	230	1,472.00	08:26:34	XLON	19015XJq7zg
15 January 2019	GMT	35	1,472.00	08:26:34	XLON	19015XJq7zh
15 January 2019	GMT	193	1,472.00	08:26:34	CHIX	19015XJq7zi
15 January 2019	GMT	129	1,469.50	08:30:03	CHIX	19015XJq8e2
15 January 2019	GMT	135	1,469.50	08:30:03	CHIX	19015XJq8e1
15 January 2019	GMT	121	1,469.50	08:30:25	CHIX	19015XJq8fs
15 January 2019	GMT	7	1,469.50	08:30:25	CHIX	19015XJq8ft
15 January 2019	GMT	147	1,469.50	08:30:25	CHIX	19015XJq8fu
15 January 2019	GMT	61	1,471.50	08:33:56	XLON	19015XJq8u4
15 January 2019	GMT	34	1,470.50	08:35:36	CHIX	19015XJq91d
15 January 2019	GMT	204	1,475.00	08:37:43	XLON	19015XJq999
15 January 2019	GMT	152	1,475.00	08:37:43	XLON	19015XJq99a
15 January 2019	GMT	150	1,475.00	08:37:43	CHIX	19015XJq99b

15 January 2019	GMT	114	1,475.00	08:37:43	CHIX	19015XJq99c
15 January 2019	GMT	6	1,475.00	08:37:43	CHIX	19015XJq99d
15 January 2019	GMT	137	1,474.50	08:39:17	CHIX	19015XJq9hl
15 January 2019	GMT	120	1,474.50	08:39:17	CHIX	19015XJq9hm
15 January 2019	GMT	188	1,474.50	08:39:17	XLON	19015XJq9hn
15 January 2019	GMT	70	1,474.50	08:39:17	XLON	19015XJq9ho
15 January 2019	GMT	82	1,474.50	08:39:17	XLON	19015XJq9hp
15 January 2019	GMT	9	1,473.50	08:39:41	CHIX	19015XJq9iu
15 January 2019	GMT	107	1,474.00	08:49:54	CHIX	19015XJqajy
15 January 2019	GMT	164	1,474.00	08:49:54	CHIX	19015XJqajx
15 January 2019	GMT	79	1,474.00	08:49:54	CHIX	19015XJqak0
15 January 2019	GMT	43	1,474.00	08:49:54	CHIX	19015XJqak2
15 January 2019	GMT	225	1,474.00	08:49:54	XLON	19015XJqajz
15 January 2019	GMT	21	1,474.00	08:49:54	XLON	19015XJqak4
15 January 2019	GMT	7	1,474.00	08:49:54	XLON	19015XJqak3
15 January 2019	GMT	82	1,474.00	08:49:54	XLON	19015XJqak1
15 January 2019	GMT	84	1,473.00	08:49:58	CHIX	19015XJqakf
15 January 2019	GMT	98	1,473.00	08:49:58	CHIX	19015XJqakg
15 January 2019	GMT	251	1,473.00	08:49:58	XLON	19015XJqakh
15 January 2019	GMT	44	1,473.50	08:49:58	CHIX	19015XJqaki
15 January 2019	GMT	313	1,472.00	08:51:22	XLON	19015XJqapz
15 January 2019	GMT	159	1,472.00	08:51:22	XLON	19015XJqapy
15 January 2019	GMT	37	1,472.00	08:51:22	XLON	19015XJqaq2
15 January 2019	GMT	125	1,472.00	08:51:22	CHIX	19015XJqaq1
15 January 2019	GMT	103	1,472.00	08:51:22	CHIX	19015XJqaq3
15 January 2019	GMT	142	1,472.00	08:51:22	CHIX	19015XJqaq4
15 January 2019	GMT	219	1,471.50	08:51:22	XLON	19015XJqaq6
15 January 2019	GMT	22	1,471.50	08:51:22	CHIX	19015XJqaq7
15 January 2019	GMT	139	1,471.50	08:51:22	CHIX	19015XJqaq8
15 January 2019	GMT	126	1,472.50	08:53:40	CHIX	19015XJqaw2

15 January 2019	GMT	18	1,471.00	08:57:06	CHIX	19015XJqb73
15 January 2019	GMT	107	1,471.00	08:57:06	CHIX	19015XJqb75
15 January 2019	GMT	73	1,470.50	08:57:06	CHIX	19015XJqb7h
15 January 2019	GMT	124	1,474.00	09:01:10	CHIX	19015XJqbm6
15 January 2019	GMT	22	1,476.00	09:04:00	XLON	19015XJqbxxy
15 January 2019	GMT	124	1,474.00	09:05:06	CHIX	19015XJqc0s
15 January 2019	GMT	129	1,473.50	09:05:06	CHIX	19015XJqc1a
15 January 2019	GMT	71	1,472.00	09:06:10	XLON	19015XJqc66
15 January 2019	GMT	107	1,472.00	09:06:10	CHIX	19015XJqc67
15 January 2019	GMT	119	1,472.50	09:10:59	CHIX	19015XJqd26
15 January 2019	GMT	119	1,472.50	09:10:59	CHIX	19015XJqd27
15 January 2019	GMT	90	1,473.50	09:14:57	CHIX	19015XJqdip
15 January 2019	GMT	93	1,472.50	09:15:10	CHIX	19015XJqdlm
15 January 2019	GMT	30	1,472.50	09:15:10	CHIX	19015XJqdlp
15 January 2019	GMT	119	1,472.50	09:15:10	CHIX	19015XJqdlo
15 January 2019	GMT	77	1,472.50	09:15:10	CHIX	19015XJqdlq
15 January 2019	GMT	100	1,472.50	09:15:10	XLON	19015XJqdln
15 January 2019	GMT	122	1,472.50	09:16:24	CHIX	19015XJqdpu
15 January 2019	GMT	122	1,472.00	09:18:39	CHIX	19015XJqe3y
15 January 2019	GMT	23	1,471.50	09:19:01	XLON	19015XJqe6t
15 January 2019	GMT	164	1,471.50	09:19:01	XLON	19015XJqe6v
15 January 2019	GMT	36	1,471.50	09:19:01	CHIX	19015XJqe6u
15 January 2019	GMT	12	1,471.50	09:19:01	CHIX	19015XJqe6w
15 January 2019	GMT	76	1,471.50	09:19:01	CHIX	19015XJqe6y
15 January 2019	GMT	137	1,471.50	09:19:01	CHIX	19015XJqe6x
15 January 2019	GMT	209	1,471.00	09:19:01	XLON	19015XJqe6z
15 January 2019	GMT	41	1,472.00	09:21:29	CHIX	19015XJqejo
15 January 2019	GMT	7	1,472.00	09:21:29	CHIX	19015XJqejp
15 January 2019	GMT	106	1,472.00	09:21:29	CHIX	19015XJqejq
15 January 2019	GMT	121	1,471.50	09:21:29	CHIX	19015XJqejr

15 January 2019	GMT	118	1,471.00	09:21:29	CHIX	19015XJqejs
15 January 2019	GMT	36	1,471.00	09:21:29	CHIX	19015XJqaju
15 January 2019	GMT	123	1,471.00	09:21:29	CHIX	19015XJqajt
15 January 2019	GMT	105	1,470.00	09:29:29	CHIX	19015XJqfh7
15 January 2019	GMT	39	1,473.00	09:35:57	XLON	19015XJqghf
15 January 2019	GMT	109	1,473.00	09:35:57	XLON	19015XJqghd
15 January 2019	GMT	85	1,473.00	09:35:57	XLON	19015XJqghh
15 January 2019	GMT	107	1,473.00	09:35:57	CHIX	19015XJqghg
15 January 2019	GMT	104	1,473.00	09:35:57	CHIX	19015XJqghe
15 January 2019	GMT	107	1,473.00	09:35:57	CHIX	19015XJqghj
15 January 2019	GMT	124	1,473.00	09:35:57	CHIX	19015XJqghi
15 January 2019	GMT	137	1,472.50	09:37:37	CHIX	19015XJqgoq
15 January 2019	GMT	150	1,472.50	09:37:37	CHIX	19015XJqgop
15 January 2019	GMT	188	1,472.50	09:37:37	XLON	19015XJqgos
15 January 2019	GMT	205	1,472.50	09:37:37	XLON	19015XJqgor
15 January 2019	GMT	46	1,472.00	09:38:14	CHIX	19015XJqgr0
15 January 2019	GMT	95	1,472.50	09:42:14	XLON	19015XJqh8t
15 January 2019	GMT	152	1,472.50	09:42:14	XLON	19015XJqh8s
15 January 2019	GMT	46	1,472.50	09:42:14	CHIX	19015XJqh8u
15 January 2019	GMT	74	1,472.50	09:42:14	CHIX	19015XJqh8v
15 January 2019	GMT	107	1,472.50	09:42:14	CHIX	19015XJqh8x
15 January 2019	GMT	241	1,472.00	09:42:14	XLON	19015XJqh8w
15 January 2019	GMT	175	1,472.00	09:42:14	CHIX	19015XJqh8y
15 January 2019	GMT	341	1,471.50	09:42:23	XLON	19015XJqh9s
15 January 2019	GMT	20	1,471.50	09:42:23	XLON	19015XJqh9t
15 January 2019	GMT	44	1,471.50	09:42:23	CHIX	19015XJqh9u
15 January 2019	GMT	130	1,471.50	09:42:23	CHIX	19015XJqh9v
15 January 2019	GMT	88	1,471.50	09:42:23	CHIX	19015XJqh9w
15 January 2019	GMT	122	1,472.00	09:47:27	CHIX	19015XJqhri
15 January 2019	GMT	98	1,471.00	09:49:01	CHIX	19015XJqhy6

15 January 2019	GMT	30	1,471.00	09:49:01	CHIX	19015XJqhy7
15 January 2019	GMT	52	1,470.00	09:52:15	CHIX	19015XJqia0
15 January 2019	GMT	114	1,470.00	09:52:15	XLON	19015XJqia2
15 January 2019	GMT	127	1,470.00	09:52:15	CHIX	19015XJqia5
15 January 2019	GMT	107	1,470.00	09:52:15	CHIX	19015XJqia4
15 January 2019	GMT	7	1,470.00	09:52:15	CHIX	19015XJqia3
15 January 2019	GMT	124	1,470.00	09:52:15	CHIX	19015XJqia1
15 January 2019	GMT	75	1,467.50	09:54:25	CHIX	19015XJqihs
15 January 2019	GMT	50	1,467.50	09:54:25	CHIX	19015XJqihr
15 January 2019	GMT	127	1,466.50	09:58:09	CHIX	19015XJqisg
15 January 2019	GMT	118	1,466.50	09:58:09	CHIX	19015XJqisf
15 January 2019	GMT	119	1,465.00	10:04:08	CHIX	19015XJqjku
15 January 2019	GMT	113	1,465.00	10:04:08	CHIX	19015XJqjkt
15 January 2019	GMT	144	1,465.00	10:04:08	XLON	19015XJqjkv
15 January 2019	GMT	27	1,469.50	10:16:32	XLON	19015XJqkpw
15 January 2019	GMT	22	1,469.50	10:16:32	XLON	19015XJqkpv
15 January 2019	GMT	6	1,470.00	10:17:53	XLON	19015XJqkv2
15 January 2019	GMT	105	1,470.00	10:17:53	CHIX	19015XJqkv4
15 January 2019	GMT	100	1,470.00	10:17:53	CHIX	19015XJqkv3
15 January 2019	GMT	84	1,470.00	10:18:34	CHIX	19015XJqkvu
15 January 2019	GMT	35	1,470.00	10:20:01	CHIX	19015XJqkyr
15 January 2019	GMT	35	1,470.00	10:20:01	XLON	19015XJqkys
15 January 2019	GMT	1	1,469.50	10:20:02	CHIX	19015XJqkyz
15 January 2019	GMT	147	1,469.50	10:20:25	XLON	19015XJql15
15 January 2019	GMT	121	1,469.50	10:20:25	XLON	19015XJql14
15 January 2019	GMT	189	1,469.50	10:20:25	XLON	19015XJql16
15 January 2019	GMT	116	1,469.50	10:20:25	CHIX	19015XJql19
15 January 2019	GMT	107	1,469.50	10:20:25	CHIX	19015XJql18
15 January 2019	GMT	81	1,469.50	10:20:25	CHIX	19015XJql17
15 January 2019	GMT	43	1,469.50	10:20:25	CHIX	19015XJql1c

15 January 2019	GMT	40	1,469.50	10:20:25	CHIX	19015XJql1a
15 January 2019	GMT	99	1,469.50	10:20:25	CHIX	19015XJql1d
15 January 2019	GMT	6	1,469.50	10:20:25	CHIX	19015XJql1h
15 January 2019	GMT	132	1,469.50	10:20:25	CHIX	19015XJql1i
15 January 2019	GMT	80	1,469.00	10:20:25	XLON	19015XJql1b
15 January 2019	GMT	230	1,469.00	10:20:25	XLON	19015XJql1g
15 January 2019	GMT	137	1,469.00	10:20:25	XLON	19015XJql1f
15 January 2019	GMT	107	1,469.00	10:20:25	CHIX	19015XJql1e
15 January 2019	GMT	167	1,469.00	10:20:25	CHIX	19015XJql1k
15 January 2019	GMT	107	1,469.00	10:20:25	CHIX	19015XJql1j
15 January 2019	GMT	75	1,470.00	10:22:58	CHIX	19015XJqlbo
15 January 2019	GMT	48	1,470.00	10:22:58	CHIX	19015XJqlbp
15 January 2019	GMT	211	1,468.50	10:23:57	XLON	19015XJqlgm
15 January 2019	GMT	8	1,468.50	10:23:57	XLON	19015XJqlgp
15 January 2019	GMT	219	1,468.50	10:23:57	XLON	19015XJqlgn
15 January 2019	GMT	5	1,468.50	10:23:57	XLON	19015XJqlgs
15 January 2019	GMT	46	1,468.50	10:23:57	CHIX	19015XJqlgo
15 January 2019	GMT	161	1,468.50	10:23:57	CHIX	19015XJqlgr
15 January 2019	GMT	115	1,468.50	10:23:57	CHIX	19015XJqlgq
15 January 2019	GMT	150	1,467.00	10:32:38	CHIX	19015XJqm75
15 January 2019	GMT	150	1,466.50	10:32:38	CHIX	19015XJqm77
15 January 2019	GMT	119	1,468.50	10:38:17	CHIX	19015XJqmrr
15 January 2019	GMT	196	1,471.50	10:44:05	CHIX	19015XJqnd7
15 January 2019	GMT	104	1,471.50	10:44:05	CHIX	19015XJqnd6
15 January 2019	GMT	270	1,471.50	10:44:05	XLON	19015XJqnd5
15 January 2019	GMT	90	1,472.50	10:47:46	XLON	19015XJqnp7
15 January 2019	GMT	107	1,472.50	10:48:02	CHIX	19015XJqnqe
15 January 2019	GMT	222	1,471.50	10:52:18	CHIX	19015XJqo87
15 January 2019	GMT	143	1,471.50	10:52:18	CHIX	19015XJqo86
15 January 2019	GMT	121	1,471.50	10:52:18	CHIX	19015XJqo84

15 January 2019	GMT	306	1,471.50	10:52:18	XLON	19015XJqo85
15 January 2019	GMT	203	1,470.00	10:52:30	CHIX	19015XJqo9e
15 January 2019	GMT	123	1,470.00	10:52:30	CHIX	19015XJqo9d
15 January 2019	GMT	125	1,470.00	10:52:30	XLON	19015XJqo9f
15 January 2019	GMT	154	1,470.00	10:52:30	XLON	19015XJqo9g
15 January 2019	GMT	81	1,469.00	11:00:23	CHIX	19015XJqp69
15 January 2019	GMT	22	1,469.00	11:00:23	CHIX	19015XJqp6b
15 January 2019	GMT	124	1,469.00	11:00:23	CHIX	19015XJqp6a
15 January 2019	GMT	127	1,468.00	11:00:35	CHIX	19015XJqp71
15 January 2019	GMT	123	1,467.50	11:00:39	CHIX	19015XJqp7m
15 January 2019	GMT	128	1,465.00	11:03:14	CHIX	19015XJqpg8
15 January 2019	GMT	1	1,465.00	11:03:14	CHIX	19015XJqpg9
15 January 2019	GMT	121	1,469.00	11:10:39	CHIX	19015XJqq56
15 January 2019	GMT	156	1,468.00	11:11:08	CHIX	19015XJqq6o
15 January 2019	GMT	127	1,467.50	11:11:13	CHIX	19015XJqq7d
15 January 2019	GMT	125	1,467.50	11:11:13	CHIX	19015XJqq7e
15 January 2019	GMT	128	1,467.00	11:11:55	CHIX	19015XJqqae
15 January 2019	GMT	128	1,466.00	11:15:01	CHIX	19015XJqqm3
15 January 2019	GMT	23	1,466.00	11:20:58	CHIX	19015XJqrb1
15 January 2019	GMT	78	1,466.00	11:20:58	CHIX	19015XJqrb2
15 January 2019	GMT	127	1,469.50	11:29:16	XLON	19015XJqs5y
15 January 2019	GMT	200	1,469.50	11:29:16	XLON	19015XJqs5x
15 January 2019	GMT	37	1,469.50	11:29:16	CHIX	19015XJqs60
15 January 2019	GMT	100	1,469.50	11:29:16	CHIX	19015XJqs61
15 January 2019	GMT	137	1,469.50	11:29:16	CHIX	19015XJqs63
15 January 2019	GMT	70	1,469.50	11:29:16	CHIX	19015XJqs62
15 January 2019	GMT	146	1,469.50	11:29:16	CHIX	19015XJqs5z
15 January 2019	GMT	118	1,469.50	11:29:16	CHIX	19015XJqs64
15 January 2019	GMT	158	1,470.50	11:34:00	CHIX	19015XJqsi7
15 January 2019	GMT	217	1,470.50	11:34:00	XLON	19015XJqsi6

15 January 2019	GMT	54	1,474.00	11:41:07	CHIX	19015XJqt3l
15 January 2019	GMT	139	1,474.00	11:41:07	CHIX	19015XJqt3k
15 January 2019	GMT	77	1,474.00	11:41:07	CHIX	19015XJqt3n
15 January 2019	GMT	30	1,474.00	11:41:07	XLON	19015XJqt3m
15 January 2019	GMT	75	1,474.00	11:41:07	XLON	19015XJqt3o
15 January 2019	GMT	85	1,474.00	11:41:07	XLON	19015XJqt3q
15 January 2019	GMT	180	1,474.00	11:41:07	XLON	19015XJqt3p
15 January 2019	GMT	2	1,474.00	11:44:49	CHIX	19015XJqtfu
15 January 2019	GMT	131	1,474.00	11:44:49	CHIX	19015XJqtfv
15 January 2019	GMT	180	1,474.00	11:44:49	XLON	19015XJqtfw
15 January 2019	GMT	277	1,474.00	11:50:07	XLON	19015XJqtvl
15 January 2019	GMT	124	1,474.00	11:50:07	XLON	19015XJqtvk
15 January 2019	GMT	107	1,474.00	11:50:07	CHIX	19015XJqtvn
15 January 2019	GMT	201	1,474.00	11:50:07	CHIX	19015XJqtvn
15 January 2019	GMT	128	1,473.50	11:51:47	CHIX	19015XJqtzs
15 January 2019	GMT	174	1,473.50	11:51:47	XLON	19015XJqtzt
15 January 2019	GMT	120	1,473.00	11:51:47	CHIX	19015XJqtzu
15 January 2019	GMT	49	1,473.00	11:51:47	CHIX	19015XJqtzv
15 January 2019	GMT	230	1,473.00	11:51:47	XLON	19015XJqtzw
15 January 2019	GMT	298	1,471.50	11:55:30	XLON	19015XJqujw
15 January 2019	GMT	216	1,471.50	11:55:30	CHIX	19015XJqujx
15 January 2019	GMT	129	1,471.00	12:04:54	CHIX	19015XJqvhp
15 January 2019	GMT	122	1,470.50	12:04:57	CHIX	19015XJqvhy
15 January 2019	GMT	127	1,469.50	12:10:04	CHIX	19015XJqw1a
15 January 2019	GMT	107	1,469.50	12:13:09	CHIX	19015XJqwly
15 January 2019	GMT	114	1,469.50	12:13:09	XLON	19015XJqwlz
15 January 2019	GMT	47	1,469.00	12:13:11	XLON	19015XJqwm2
15 January 2019	GMT	122	1,469.00	12:13:11	CHIX	19015XJqwm3
15 January 2019	GMT	3	1,468.50	12:13:11	CHIX	19015XJqwm4
15 January 2019	GMT	126	1,468.50	12:13:13	CHIX	19015XJqwmc

15 January 2019	GMT	122	1,468.50	12:13:13	CHIX	19015XJqwme
15 January 2019	GMT	47	1,468.50	12:13:13	XLON	19015XJqwmb
15 January 2019	GMT	53	1,467.50	12:17:42	CHIX	19015XJqx3c
15 January 2019	GMT	48	1,467.50	12:20:17	CHIX	19015XJqx9m
15 January 2019	GMT	129	1,467.00	12:25:00	CHIX	19015XJqxi8
15 January 2019	GMT	37	1,467.00	12:25:00	XLON	19015XJqxi9
15 January 2019	GMT	88	1,467.50	12:29:26	XLON	19015XJqxsq
15 January 2019	GMT	107	1,467.50	12:29:26	CHIX	19015XJqxsh
15 January 2019	GMT	188	1,467.50	12:29:46	XLON	19015XJqxt0
15 January 2019	GMT	2	1,470.00	12:39:51	CHIX	19015XJqyh8
15 January 2019	GMT	100	1,470.00	12:39:51	CHIX	19015XJqyha
15 January 2019	GMT	109	1,470.00	12:39:51	CHIX	19015XJqyh9
15 January 2019	GMT	134	1,470.00	12:39:51	CHIX	19015XJqyh7
15 January 2019	GMT	119	1,470.00	12:39:51	CHIX	19015XJqyhc
15 January 2019	GMT	110	1,470.00	12:39:51	CHIX	19015XJqyhf
15 January 2019	GMT	152	1,470.00	12:39:51	XLON	19015XJqyhe
15 January 2019	GMT	7	1,470.00	12:39:51	XLON	19015XJqyhd
15 January 2019	GMT	182	1,470.00	12:39:51	XLON	19015XJqyhb
15 January 2019	GMT	131	1,470.00	12:39:51	XLON	19015XJqyhg
15 January 2019	GMT	213	1,469.50	12:41:16	XLON	19015XJqyk8
15 January 2019	GMT	142	1,469.50	12:41:16	XLON	19015XJqyk7
15 January 2019	GMT	41	1,469.50	12:41:16	CHIX	19015XJqyk9
15 January 2019	GMT	70	1,469.50	12:41:16	CHIX	19015XJqykb
15 January 2019	GMT	6	1,469.50	12:41:16	CHIX	19015XJqyka
15 January 2019	GMT	46	1,469.50	12:41:16	CHIX	19015XJqykd
15 January 2019	GMT	150	1,469.50	12:41:16	CHIX	19015XJqykc
15 January 2019	GMT	241	1,467.50	12:44:05	XLON	19015XJqyq8
15 January 2019	GMT	66	1,467.50	12:44:05	CHIX	19015XJqyq4
15 January 2019	GMT	66	1,467.50	12:44:05	CHIX	19015XJqyq5
15 January 2019	GMT	175	1,467.50	12:44:05	CHIX	19015XJqyq7

15 January 2019	GMT	150	1,470.50	13:00:50	CHIX	19015XJqzsg
15 January 2019	GMT	57	1,470.50	13:00:50	CHIX	19015XJqzsh
15 January 2019	GMT	284	1,470.50	13:00:50	XLON	19015XJqzsi
15 January 2019	GMT	1	1,472.50	13:02:45	BATE	19015XJqzvq
15 January 2019	GMT	39	1,473.50	13:08:02	XLON	19015XJr09w
15 January 2019	GMT	107	1,473.50	13:09:53	CHIX	19015XJr0c9
15 January 2019	GMT	186	1,473.50	13:09:53	CHIX	19015XJr0c8
15 January 2019	GMT	255	1,473.50	13:09:53	XLON	19015XJr0ca
15 January 2019	GMT	118	1,473.50	13:09:53	XLON	19015XJr0cb
15 January 2019	GMT	305	1,473.00	13:10:01	XLON	19015XJr0ck
15 January 2019	GMT	223	1,473.00	13:10:01	CHIX	19015XJr0cl
15 January 2019	GMT	166	1,472.50	13:11:48	CHIX	19015XJr0gk
15 January 2019	GMT	145	1,474.50	13:21:00	CHIX	19015XJr13x
15 January 2019	GMT	15	1,475.50	13:26:40	CHIX	19015XJr1k8
15 January 2019	GMT	50	1,475.50	13:28:24	CHIX	19015XJr1oe
15 January 2019	GMT	134	1,475.50	13:28:24	CHIX	19015XJr1of
15 January 2019	GMT	3	1,476.50	13:32:06	XLON	19015XJr27n
15 January 2019	GMT	146	1,476.50	13:32:06	XLON	19015XJr27o
15 January 2019	GMT	253	1,476.50	13:32:06	XLON	19015XJr27p
15 January 2019	GMT	118	1,476.50	13:32:06	CHIX	19015XJr27q
15 January 2019	GMT	185	1,476.50	13:32:06	CHIX	19015XJr27r
15 January 2019	GMT	50	1,476.50	13:32:06	CHIX	19015XJr27s
15 January 2019	GMT	4	1,476.50	13:32:06	CHIX	19015XJr27t
15 January 2019	GMT	117	1,476.00	13:32:23	CHIX	19015XJr291
15 January 2019	GMT	107	1,476.00	13:32:23	CHIX	19015XJr292
15 January 2019	GMT	106	1,478.00	13:37:49	CHIX	19015XJr2pz
15 January 2019	GMT	11	1,478.00	13:37:49	CHIX	19015XJr2q3
15 January 2019	GMT	105	1,478.00	13:37:49	CHIX	19015XJr2q1
15 January 2019	GMT	139	1,478.00	13:37:49	CHIX	19015XJr2q5
15 January 2019	GMT	95	1,478.00	13:37:49	CHIX	19015XJr2q4

15 January 2019	GMT	84	1,478.00	13:37:49	XLON	19015XJr2q2
15 January 2019	GMT	95	1,478.00	13:37:49	XLON	19015XJr2q0
15 January 2019	GMT	9	1,478.00	13:40:41	XLON	19015XJr2z3
15 January 2019	GMT	34	1,477.50	13:40:51	XLON	19015XJr2zl
15 January 2019	GMT	112	1,481.00	13:50:01	CHIX	19015XJr3ry
15 January 2019	GMT	112	1,481.00	13:50:01	CHIX	19015XJr3rx
15 January 2019	GMT	143	1,481.00	13:50:01	XLON	19015XJr3rz
15 January 2019	GMT	143	1,481.00	13:50:01	XLON	19015XJr3s0
15 January 2019	GMT	5	1,481.00	13:50:01	XLON	19015XJr3s1
15 January 2019	GMT	195	1,480.50	13:50:11	XLON	19015XJr3se
15 January 2019	GMT	395	1,480.50	13:50:11	XLON	19015XJr3sd
15 January 2019	GMT	69	1,480.50	13:50:11	CHIX	19015XJr3sf
15 January 2019	GMT	143	1,480.50	13:50:11	CHIX	19015XJr3sg
15 January 2019	GMT	218	1,480.50	13:50:11	CHIX	19015XJr3sh
15 January 2019	GMT	130	1,480.00	13:50:11	XLON	19015XJr3sj
15 January 2019	GMT	186	1,480.00	13:50:11	XLON	19015XJr3si
15 January 2019	GMT	253	1,480.00	13:50:11	XLON	19015XJr3sl
15 January 2019	GMT	278	1,480.00	13:50:11	CHIX	19015XJr3sm
15 January 2019	GMT	137	1,480.00	13:50:11	CHIX	19015XJr3sk
15 January 2019	GMT	119	1,471.50	13:57:37	CHIX	19015XJr4ht
15 January 2019	GMT	120	1,476.00	14:02:15	CHIX	19015XJr4wq
15 January 2019	GMT	34	1,476.00	14:08:09	XLON	19015XJr5ae
15 January 2019	GMT	178	1,475.50	14:08:20	CHIX	19015XJr5as
15 January 2019	GMT	105	1,475.50	14:08:20	CHIX	19015XJr5au
15 January 2019	GMT	1	1,475.50	14:08:20	CHIX	19015XJr5ax
15 January 2019	GMT	243	1,475.50	14:08:20	XLON	19015XJr5aw
15 January 2019	GMT	100	1,475.50	14:08:20	XLON	19015XJr5av
15 January 2019	GMT	143	1,474.50	14:08:31	CHIX	19015XJr5bo
15 January 2019	GMT	128	1,474.50	14:08:31	CHIX	19015XJr5bp
15 January 2019	GMT	189	1,474.50	14:08:31	CHIX	19015XJr5bs

15 January 2019	GMT	260	1,474.50	14:08:31	XLON	19015XJr5bq
15 January 2019	GMT	1	1,474.50	14:08:31	XLON	19015XJr5br
15 January 2019	GMT	105	1,473.50	14:09:34	CHIX	19015XJr5g7
15 January 2019	GMT	22	1,472.50	14:12:31	CHIX	19015XJr5ny
15 January 2019	GMT	98	1,472.50	14:12:31	CHIX	19015XJr5nz
15 January 2019	GMT	107	1,472.00	14:12:31	CHIX	19015XJr5o0
15 January 2019	GMT	79	1,471.00	14:14:34	CHIX	19015XJr5v4
15 January 2019	GMT	44	1,471.00	14:14:34	CHIX	19015XJr5v5
15 January 2019	GMT	109	1,471.00	14:16:48	CHIX	19015XJr61n
15 January 2019	GMT	10	1,471.00	14:16:48	CHIX	19015XJr61o
15 January 2019	GMT	211	1,472.50	14:22:39	XLON	19015XJr6et
15 January 2019	GMT	153	1,472.50	14:22:39	CHIX	19015XJr6eu
15 January 2019	GMT	122	1,471.50	14:22:44	CHIX	19015XJr6fh
15 January 2019	GMT	1	1,472.50	14:25:20	BATE	19015XJr6k8
15 January 2019	GMT	21	1,471.50	14:27:40	XLON	19015XJr6pe
15 January 2019	GMT	122	1,471.50	14:27:40	CHIX	19015XJr6pf
15 January 2019	GMT	120	1,471.50	14:27:40	CHIX	19015XJr6ph
15 January 2019	GMT	165	1,471.50	14:27:40	XLON	19015XJr6pj
15 January 2019	GMT	152	1,472.50	14:31:03	XLON	19015XJr72l
15 January 2019	GMT	105	1,472.50	14:31:03	CHIX	19015XJr72o
15 January 2019	GMT	87	1,472.50	14:31:03	CHIX	19015XJr72m
15 January 2019	GMT	119	1,472.50	14:31:03	CHIX	19015XJr72n
15 January 2019	GMT	114	1,471.50	14:31:05	XLON	19015XJr72s
15 January 2019	GMT	98	1,471.50	14:31:05	CHIX	19015XJr72u
15 January 2019	GMT	81	1,471.50	14:31:05	CHIX	19015XJr72t
15 January 2019	GMT	26	1,471.50	14:31:06	XLON	19015XJr72w
15 January 2019	GMT	26	1,471.50	14:31:06	XLON	19015XJr72v
15 January 2019	GMT	107	1,472.50	14:32:51	CHIX	19015XJr78b
15 January 2019	GMT	94	1,472.50	14:32:51	XLON	19015XJr78c
15 January 2019	GMT	199	1,477.00	14:36:04	XLON	19015XJr7k4

15 January 2019	GMT	54	1,478.50	14:36:46	CHIX	19015XJr7mt
15 January 2019	GMT	54	1,478.50	14:36:46	CHIX	19015XJr7ms
15 January 2019	GMT	160	1,478.50	14:36:46	CHIX	19015XJr7mu
15 January 2019	GMT	48	1,478.50	14:36:46	CHIX	19015XJr7mv
15 January 2019	GMT	165	1,478.50	14:36:56	CHIX	19015XJr7nu
15 January 2019	GMT	178	1,478.00	14:36:56	XLON	19015XJr7nz
15 January 2019	GMT	153	1,478.00	14:36:56	XLON	19015XJr7nx
15 January 2019	GMT	131	1,478.00	14:36:56	CHIX	19015XJr7o2
15 January 2019	GMT	121	1,478.00	14:36:56	CHIX	19015XJr7o0
15 January 2019	GMT	151	1,477.50	14:36:56	CHIX	19015XJr7o4
15 January 2019	GMT	49	1,477.50	14:36:56	CHIX	19015XJr7o3
15 January 2019	GMT	208	1,477.50	14:36:56	XLON	19015XJr7o6
15 January 2019	GMT	6	1,477.50	14:36:56	XLON	19015XJr7o5
15 January 2019	GMT	78	1,477.50	14:36:56	CHIX	19015XJr7o7
15 January 2019	GMT	93	1,477.50	14:36:56	CHIX	19015XJr7o8
15 January 2019	GMT	156	1,477.50	14:36:56	XLON	19015XJr7o9
15 January 2019	GMT	200	1,482.00	14:42:07	CHIX	19015XJr897
15 January 2019	GMT	42	1,482.00	14:42:07	CHIX	19015XJr898
15 January 2019	GMT	207	1,482.50	14:43:40	CHIX	19015XJr8k2
15 January 2019	GMT	106	1,482.50	14:43:40	CHIX	19015XJr8k0
15 January 2019	GMT	103	1,482.50	14:43:40	XLON	19015XJr8k1
15 January 2019	GMT	285	1,482.50	14:43:40	XLON	19015XJr8k3
15 January 2019	GMT	54	1,482.50	14:43:55	CHIX	19015XJr8lq
15 January 2019	GMT	5	1,482.00	14:44:19	XLON	19015XJr8nm
15 January 2019	GMT	189	1,482.00	14:44:19	XLON	19015XJr8nl
15 January 2019	GMT	137	1,482.00	14:44:19	CHIX	19015XJr8nn
15 January 2019	GMT	116	1,481.50	14:44:23	XLON	19015XJr8nv
15 January 2019	GMT	41	1,481.50	14:44:23	CHIX	19015XJr8nx
15 January 2019	GMT	144	1,481.50	14:44:23	CHIX	19015XJr8nw
15 January 2019	GMT	106	1,481.50	14:44:23	CHIX	19015XJr8nz

15 January 2019	GMT	30	1,481.50	14:44:23	CHIX	19015XJr8o2
15 January 2019	GMT	98	1,481.50	14:44:23	CHIX	19015XJr8o1
15 January 2019	GMT	162	1,481.50	14:44:23	CHIX	19015XJr8o0
15 January 2019	GMT	60	1,481.50	14:44:23	CHIX	19015XJr8o3
15 January 2019	GMT	305	1,481.00	14:44:23	XLON	19015XJr8o4
15 January 2019	GMT	98	1,481.00	14:44:23	CHIX	19015XJr8ny
15 January 2019	GMT	222	1,481.00	14:44:23	CHIX	19015XJr8o6
15 January 2019	GMT	108	1,481.00	14:44:23	CHIX	19015XJr8o5
15 January 2019	GMT	15	1,482.50	14:48:56	XLON	19015XJr9bx
15 January 2019	GMT	78	1,482.00	14:49:00	XLON	19015XJr9c3
15 January 2019	GMT	106	1,482.00	14:49:00	CHIX	19015XJr9c4
15 January 2019	GMT	127	1,483.00	14:49:20	CHIX	19015XJr9e0
15 January 2019	GMT	70	1,485.50	14:50:48	XLON	19015XJr9s2
15 January 2019	GMT	106	1,485.50	14:50:48	CHIX	19015XJr9s3
15 January 2019	GMT	119	1,485.50	14:51:15	CHIX	19015XJr9t4
15 January 2019	GMT	106	1,485.50	14:51:15	CHIX	19015XJr9t3
15 January 2019	GMT	151	1,485.50	14:51:15	XLON	19015XJr9t6
15 January 2019	GMT	92	1,485.50	14:51:15	XLON	19015XJr9t5
15 January 2019	GMT	116	1,485.00	14:51:55	CHIX	19015XJr9xc
15 January 2019	GMT	2	1,484.00	14:52:41	XLON	19015XJra30
15 January 2019	GMT	167	1,484.50	14:55:04	XLON	19015XJracj
15 January 2019	GMT	127	1,484.50	14:55:04	CHIX	19015XJrack
15 January 2019	GMT	12	1,483.00	14:55:13	XLON	19015XJradc
15 January 2019	GMT	112	1,483.00	14:55:14	CHIX	19015XJrade
15 January 2019	GMT	66	1,483.00	14:55:14	CHIX	19015XJradd
15 January 2019	GMT	102	1,490.00	14:59:20	XLON	19015XJrat1
15 January 2019	GMT	94	1,491.50	15:00:23	XLON	19015XJrb3k
15 January 2019	GMT	105	1,491.50	15:00:23	CHIX	19015XJrb3j
15 January 2019	GMT	4	1,493.50	15:01:38	XLON	19015XJrbdo
15 January 2019	GMT	6	1,493.50	15:01:38	XLON	19015XJrbdn

15 January 2019	GMT	99	1,493.50	15:01:56	XLON	19015XJrbf9
15 January 2019	GMT	105	1,493.50	15:01:56	CHIX	19015XJrbfa
15 January 2019	GMT	138	1,493.50	15:02:12	CHIX	19015XJrbgr
15 January 2019	GMT	104	1,493.50	15:02:12	CHIX	19015XJrbgs
15 January 2019	GMT	120	1,493.00	15:02:38	CHIX	19015XJrbit
15 January 2019	GMT	105	1,493.00	15:02:38	CHIX	19015XJrbip
15 January 2019	GMT	134	1,493.00	15:02:38	CHIX	19015XJrbiv
15 January 2019	GMT	26	1,493.00	15:02:38	CHIX	19015XJrbiu
15 January 2019	GMT	156	1,493.00	15:02:38	CHIX	19015XJrbir
15 January 2019	GMT	4	1,493.00	15:02:38	XLON	19015XJrbin
15 January 2019	GMT	4	1,493.00	15:02:38	XLON	19015XJrbim
15 January 2019	GMT	27	1,493.00	15:02:38	XLON	19015XJrbiq
15 January 2019	GMT	196	1,493.00	15:02:38	XLON	19015XJrbio
15 January 2019	GMT	8	1,493.00	15:02:38	CHIX	19015XJrbiw
15 January 2019	GMT	105	1,493.00	15:02:56	CHIX	19015XJrbjj
15 January 2019	GMT	103	1,493.00	15:02:56	XLON	19015XJrbjk
15 January 2019	GMT	53	1,495.00	15:05:14	CHIX	19015XJrbut
15 January 2019	GMT	71	1,494.50	15:05:18	XLON	19015XJrbv1
15 January 2019	GMT	123	1,494.50	15:05:18	CHIX	19015XJrbv3
15 January 2019	GMT	105	1,494.50	15:05:18	CHIX	19015XJrbv2
15 January 2019	GMT	134	1,494.50	15:05:18	CHIX	19015XJrbv4
15 January 2019	GMT	181	1,494.00	15:05:21	XLON	19015XJrbvk
15 January 2019	GMT	63	1,494.00	15:05:21	CHIX	19015XJrbvm
15 January 2019	GMT	69	1,494.00	15:05:21	CHIX	19015XJrbvn
15 January 2019	GMT	40	1,493.50	15:05:22	CHIX	19015XJrbvz
15 January 2019	GMT	130	1,493.50	15:05:22	CHIX	19015XJrbw0
15 January 2019	GMT	137	1,494.00	15:07:34	CHIX	19015XJrc4a
15 January 2019	GMT	187	1,494.00	15:07:34	XLON	19015XJrc49
15 January 2019	GMT	48	1,493.50	15:07:34	CHIX	19015XJrc4d
15 January 2019	GMT	207	1,493.50	15:07:34	CHIX	19015XJrc4b

15 January 2019	GMT	285	1,493.50	15:07:34	XLON	19015XJrc4c
15 January 2019	GMT	21	1,493.50	15:07:34	CHIX	19015XJrc4e
15 January 2019	GMT	53	1,493.50	15:07:34	CHIX	19015XJrc4f
15 January 2019	GMT	119	1,494.00	15:09:57	CHIX	19015XJrchl
15 January 2019	GMT	87	1,494.00	15:09:57	CHIX	19015XJrchp
15 January 2019	GMT	59	1,494.00	15:09:57	CHIX	19015XJrchu
15 January 2019	GMT	46	1,494.00	15:09:57	CHIX	19015XJrchw
15 January 2019	GMT	46	1,494.00	15:09:57	CHIX	19015XJrci0
15 January 2019	GMT	78	1,494.00	15:09:57	CHIX	19015XJrci5
15 January 2019	GMT	133	1,494.00	15:09:57	XLON	19015XJrci8
15 January 2019	GMT	175	1,493.00	15:09:57	XLON	19015XJrcip
15 January 2019	GMT	13	1,493.00	15:09:57	XLON	19015XJrcir
15 January 2019	GMT	90	1,493.00	15:09:57	XLON	19015XJrciq
15 January 2019	GMT	182	1,493.00	15:09:57	CHIX	19015XJrcin
15 January 2019	GMT	12	1,493.00	15:09:57	CHIX	19015XJrcio
15 January 2019	GMT	59	1,492.50	15:09:58	CHIX	19015XJrcj9
15 January 2019	GMT	47	1,490.00	15:11:49	CHIX	19015XJrct2
15 January 2019	GMT	119	1,488.50	15:12:52	CHIX	19015XJrcws
15 January 2019	GMT	86	1,488.50	15:15:17	XLON	19015XJrd7k
15 January 2019	GMT	106	1,488.50	15:15:17	CHIX	19015XJrd7l
15 January 2019	GMT	103	1,488.00	15:15:22	XLON	19015XJrd7u
15 January 2019	GMT	106	1,488.00	15:15:22	CHIX	19015XJrd7v
15 January 2019	GMT	36	1,487.50	15:15:23	CHIX	19015XJrd7z
15 January 2019	GMT	82	1,487.50	15:15:23	CHIX	19015XJrd82
15 January 2019	GMT	55	1,487.50	15:15:23	CHIX	19015XJrd80
15 January 2019	GMT	25	1,491.00	15:18:14	CHIX	19015XJrdg9
15 January 2019	GMT	104	1,491.00	15:18:14	CHIX	19015XJrdga
15 January 2019	GMT	72	1,493.50	15:21:01	XLON	19015XJrdov
15 January 2019	GMT	26	1,493.50	15:21:01	XLON	19015XJrdox
15 January 2019	GMT	75	1,493.50	15:21:01	XLON	19015XJrdow

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15 January 2019	GMT	78	1,493.50	15:22:07	XLON	19015XJrdua
15 January 2019	GMT	13	1,493.50	15:22:07	XLON	19015XJrdud
15 January 2019	GMT	157	1,493.50	15:22:07	XLON	19015XJrduc
15 January 2019	GMT	78	1,493.50	15:22:07	CHIX	19015XJrduh
15 January 2019	GMT	123	1,493.50	15:22:07	CHIX	19015XJrdug
15 January 2019	GMT	105	1,493.50	15:22:07	CHIX	19015XJrduf
15 January 2019	GMT	88	1,493.50	15:22:07	CHIX	19015XJrdue
15 January 2019	GMT	193	1,493.00	15:22:07	XLON	19015XJrdui
15 January 2019	GMT	97	1,493.00	15:22:07	XLON	19015XJrdum
15 January 2019	GMT	41	1,493.50	15:22:07	CHIX	19015XJrdun
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15 January 2019	GMT	158	1,493.00	15:22:10	CHIX	19015XJrdvp
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15 January 2019	GMT	105	1,492.00	15:29:50	CHIX	19015XJrf2r
15 January 2019	GMT	79	1,492.00	15:29:50	CHIX	19015XJrf2q
15 January 2019	GMT	103	1,492.00	15:29:50	XLON	19015XJrf2s
15 January 2019	GMT	121	1,492.00	15:30:23	CHIX	19015XJrf7j
15 January 2019	GMT	23	1,491.50	15:30:37	CHIX	19015XJrf8d
15 January 2019	GMT	75	1,491.50	15:30:37	CHIX	19015XJrf8g

15 January 2019	GMT	83	1,491.50	15:30:37	XLON	19015XJrf8f
15 January 2019	GMT	7	1,491.50	15:30:37	CHIX	19015XJrf8h
15 January 2019	GMT	105	1,490.50	15:30:46	CHIX	19015XJrfa4
15 January 2019	GMT	132	1,490.50	15:30:46	XLON	19015XJrfa2
15 January 2019	GMT	1	1,490.50	15:30:46	XLON	19015XJrfa3
15 January 2019	GMT	93	1,490.50	15:30:51	CHIX	19015XJrfao
15 January 2019	GMT	4	1,490.50	15:30:51	CHIX	19015XJrfap
15 January 2019	GMT	39	1,494.50	15:35:17	XLON	19015XJrfxc
15 January 2019	GMT	160	1,494.50	15:35:39	CHIX	19015XJrfyb
15 January 2019	GMT	128	1,494.50	15:35:39	CHIX	19015XJrfya
15 January 2019	GMT	153	1,497.00	15:37:08	XLON	19015XJrg57
15 January 2019	GMT	121	1,497.00	15:37:08	CHIX	19015XJrg59
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15 January 2019	GMT	89	1,496.50	15:38:20	XLON	19015XJrgcj
15 January 2019	GMT	36	1,496.50	15:38:20	XLON	19015XJrgco
15 January 2019	GMT	145	1,496.50	15:38:20	XLON	19015XJrgcl
15 January 2019	GMT	16	1,496.50	15:38:20	XLON	19015XJrgcs
15 January 2019	GMT	78	1,496.50	15:38:20	XLON	19015XJrgcq
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15 January 2019	GMT	45	1,496.50	15:38:20	CHIX	19015XJrgcm
15 January 2019	GMT	51	1,496.50	15:38:20	CHIX	19015XJrgcp
15 January 2019	GMT	60	1,496.50	15:38:20	CHIX	19015XJrgcn
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15 January 2019	GMT	54	1,496.50	15:38:20	CHIX	19015XJrgcx
15 January 2019	GMT	105	1,496.50	15:38:20	CHIX	19015XJrgcw
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15 January 2019	GMT	69	1,496.50	15:38:20	CHIX	19015XJrgct
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15 January 2019	GMT	129	1,496.50	15:41:55	CHIX	19015XJrgwr
15 January 2019	GMT	23	1,496.50	15:41:55	XLON	19015XJrgwq
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15 January 2019	GMT	83	1,497.00	15:44:22	XLON	19015XJrhad
15 January 2019	GMT	20	1,497.00	15:44:22	XLON	19015XJrhac
15 January 2019	GMT	159	1,497.00	15:44:22	XLON	19015XJrhah
15 January 2019	GMT	62	1,497.00	15:44:22	CHIX	19015XJrhag
15 January 2019	GMT	105	1,497.00	15:44:22	CHIX	19015XJrhaf
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15 January 2019	GMT	280	1,496.50	15:45:16	XLON	19015XJrhff
15 January 2019	GMT	205	1,496.50	15:45:16	CHIX	19015XJrhfh
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15 January 2019	GMT	28	1,497.50	15:48:09	XLON	19015XJrhro
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15 January 2019	GMT	40	1,497.00	15:48:37	XLON	19015XJrhu3
15 January 2019	GMT	127	1,496.50	15:48:37	CHIX	19015XJrhu4
15 January 2019	GMT	105	1,497.00	15:50:17	CHIX	19015XJri13
15 January 2019	GMT	120	1,497.00	15:50:17	XLON	19015XJri14
15 January 2019	GMT	99	1,496.50	15:50:20	XLON	19015XJri1n
15 January 2019	GMT	77	1,496.50	15:50:20	CHIX	19015XJri1o
15 January 2019	GMT	74	1,496.50	15:50:20	CHIX	19015XJri1q
15 January 2019	GMT	105	1,496.50	15:50:20	CHIX	19015XJri1p
15 January 2019	GMT	137	1,496.50	15:50:44	CHIX	19015XJri49
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15 January 2019	GMT	120	1,500.00	15:55:05	CHIX	19015XJrir4
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15 January 2019	GMT	79	1,499.50	15:55:11	CHIX	19015XJrirx
15 January 2019	GMT	79	1,499.50	15:55:11	CHIX	19015XJriw
15 January 2019	GMT	41	1,499.50	15:55:11	CHIX	19015XJrirz
15 January 2019	GMT	126	1,499.50	15:55:11	CHIX	19015XJriry
15 January 2019	GMT	225	1,499.00	15:55:12	XLON	19015XJris1
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15 January 2019	GMT	138	1,499.00	15:55:12	CHIX	19015XJris5
15 January 2019	GMT	164	1,499.00	15:55:12	CHIX	19015XJris4
15 January 2019	GMT	132	1,499.00	15:55:12	CHIX	19015XJris3
15 January 2019	GMT	79	1,499.00	15:55:12	CHIX	19015XJris2
15 January 2019	GMT	63	1,498.50	15:56:24	XLON	19015XJriwg
15 January 2019	GMT	45	1,498.50	15:56:24	XLON	19015XJriwh
15 January 2019	GMT	105	1,498.50	15:56:24	CHIX	19015XJriwi
15 January 2019	GMT	104	1,497.50	15:57:10	XLON	19015XJrj1c
15 January 2019	GMT	195	1,497.50	15:57:10	XLON	19015XJrj1a
15 January 2019	GMT	144	1,497.50	15:57:10	CHIX	19015XJrj1b
15 January 2019	GMT	16	1,497.50	15:57:10	CHIX	19015XJrj1d
15 January 2019	GMT	89	1,497.50	15:57:10	CHIX	19015XJrj1e
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15 January 2019	GMT	53	1,498.50	16:00:05	CHIX	19015XJrj9h
15 January 2019	GMT	52	1,498.50	16:00:05	CHIX	19015XJrj9j
15 January 2019	GMT	122	1,498.00	16:00:13	CHIX	19015XJrjas
15 January 2019	GMT	105	1,498.00	16:00:13	CHIX	19015XJrjar
15 January 2019	GMT	77	1,498.00	16:00:13	XLON	19015XJrjat
15 January 2019	GMT	122	1,497.50	16:00:15	CHIX	19015XJrjb0
15 January 2019	GMT	126	1,497.50	16:00:15	CHIX	19015XJrjaz
15 January 2019	GMT	49	1,497.50	16:01:18	XLON	19015XJrjfn
15 January 2019	GMT	105	1,497.50	16:01:18	CHIX	19015XJrjfo

15 January 2019	GMT	29	1,497.50	16:01:18	XLON	19015XJrjfp
15 January 2019	GMT	58	1,499.00	16:02:51	CHIX	19015XJrjkn
15 January 2019	GMT	40	1,499.00	16:02:51	CHIX	19015XJrjko
15 January 2019	GMT	61	1,498.50	16:03:09	CHIX	19015XJrjm5
15 January 2019	GMT	105	1,498.00	16:03:10	CHIX	19015XJrjm6
15 January 2019	GMT	103	1,498.00	16:03:10	XLON	19015XJrjm7
15 January 2019	GMT	131	1,497.50	16:04:40	CHIX	19015XJrjrg
15 January 2019	GMT	70	1,497.50	16:04:40	CHIX	19015XJrjrf
15 January 2019	GMT	53	1,499.50	16:06:13	CHIX	19015XJrjzo
15 January 2019	GMT	330	1,499.00	16:06:42	XLON	19015XJrk1u
15 January 2019	GMT	114	1,499.00	16:06:42	XLON	19015XJrk1w
15 January 2019	GMT	105	1,499.00	16:06:42	CHIX	19015XJrk1x
15 January 2019	GMT	240	1,499.00	16:06:42	CHIX	19015XJrk21
15 January 2019	GMT	121	1,498.50	16:07:05	CHIX	19015XJrk3z
15 January 2019	GMT	44	1,498.50	16:07:05	XLON	19015XJrk3y
15 January 2019	GMT	66	1,498.00	16:07:06	XLON	19015XJrk42
15 January 2019	GMT	44	1,498.00	16:07:06	XLON	19015XJrk41
15 January 2019	GMT	211	1,499.00	16:09:31	XLON	19015XJrkdy
15 January 2019	GMT	159	1,499.00	16:09:31	CHIX	19015XJrkdz
15 January 2019	GMT	56	1,500.00	16:10:29	CHIX	19015XJrkhz
15 January 2019	GMT	83	1,500.00	16:10:51	CHIX	19015XJrkj5
15 January 2019	GMT	52	1,499.50	16:11:20	XLON	19015XJrkm8
15 January 2019	GMT	386	1,499.50	16:11:20	XLON	19015XJrkm9
15 January 2019	GMT	115	1,499.50	16:11:20	CHIX	19015XJrkma
15 January 2019	GMT	279	1,499.50	16:11:20	CHIX	19015XJrkmb
15 January 2019	GMT	51	1,499.00	16:11:27	XLON	19015XJrkmk
15 January 2019	GMT	8	1,499.00	16:11:27	XLON	19015XJrkmj
15 January 2019	GMT	116	1,499.00	16:11:27	CHIX	19015XJrkmm
15 January 2019	GMT	249	1,498.50	16:11:27	XLON	19015XJrkml
15 January 2019	GMT	181	1,498.50	16:11:27	CHIX	19015XJrkmn

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15 January 2019	GMT	126	1,498.00	16:11:27	CHIX	19015XJrkmv
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15 January 2019	GMT	105	1,497.50	16:13:59	CHIX	19015XJrl0w
15 January 2019	GMT	127	1,496.50	16:14:01	CHIX	19015XJrl17
15 January 2019	GMT	105	1,493.00	16:15:19	CHIX	19015XJrl8h
15 January 2019	GMT	37	1,493.00	16:15:19	CHIX	19015XJrl8g
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15 January 2019	GMT	107	1,495.00	16:17:44	XLON	19015XJrlmq
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15 January 2019	GMT	69	1,497.00	16:19:54	XLON	19015XJrlyw
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15 January 2019	GMT	9	1,497.50	16:21:20	XLON	19015XJrm79
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15 January 2019	GMT	232	1,498.00	16:21:29	CHIX	19015XJrm8h
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15 January 2019	GMT	66	1,498.50	16:22:44	CHIX	19015XJrmfr
15 January 2019	GMT	41	1,498.50	16:22:44	CHIX	19015XJrmfs
15 January 2019	GMT	182	1,498.00	16:22:46	XLON	19015XJrmg1
15 January 2019	GMT	85	1,498.00	16:22:46	XLON	19015XJrmg2
15 January 2019	GMT	76	1,498.00	16:22:46	CHIX	19015XJrmgb
15 January 2019	GMT	100	1,498.00	16:22:46	CHIX	19015XJrmg8

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15 January 2019	GMT	39	1,497.50	16:22:46	CHIX	19015XJrmge
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15 January 2019	GMT	57	1,497.50	16:22:46	CHIX	19015XJrmg7
15 January 2019	GMT	206	1,497.50	16:22:46	CHIX	19015XJrmgf
15 January 2019	GMT	45	1,497.50	16:22:46	CHIX	19015XJrmgh
15 January 2019	GMT	93	1,497.50	16:22:46	XLON	19015XJrmgd
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15 January 2019	GMT	101	1,497.50	16:22:46	CHIX	19015XJrmg9
15 January 2019	GMT	140	1,497.00	16:22:49	XLON	19015XJrmgp
15 January 2019	GMT	229	1,497.00	16:22:49	XLON	19015XJrmgo
15 January 2019	GMT	162	1,497.00	16:22:49	XLON	19015XJrmgq
15 January 2019	GMT	97	1,497.00	16:22:49	XLON	19015XJrmgr
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15 January 2019	GMT	70	1,497.00	16:22:49	CHIX	19015XJrmgv
15 January 2019	GMT	111	1,497.00	16:22:49	CHIX	19015XJrmgu
15 January 2019	GMT	44	1,498.50	16:28:27	CHIX	19015XJrnf1
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15 January 2019	GMT	105	1,498.00	16:28:27	CHIX	19015XJrnez
15 January 2019	GMT	107	1,498.00	16:28:27	CHIX	19015XJrnf3
15 January 2019	GMT	135	1,498.00	16:28:27	XLON	19015XJrnf4
15 January 2019	GMT	105	1,498.00	16:28:31	CHIX	19015XJrnf6

15 January 2019	GMT	215	1,499.00	16:29:09	XLON	19015XJrnjs
15 January 2019	GMT	158	1,499.00	16:29:09	CHIX	19015XJrnjt
15 January 2019	GMT	19	1,498.50	16:29:09	CHIX	19015XJrnju
15 January 2019	GMT	99	1,498.50	16:29:09	CHIX	19015XJrnjv
15 January 2019	GMT	124	1,499.50	16:29:55	CHIX	19015XJrnrl
15 January 2019	GMT	72	1,499.50	16:29:55	XLON	19015XJrnrm
15 January 2019	GMT	190	1,499.50	16:29:55	XLON	19015XJrnrm
15 January 2019	GMT	130	1,499.50	16:29:55	CHIX	19015XJrnro
15 January 2019	GMT	177	1,499.50	16:29:55	CHIX	19015XJrnrq
15 January 2019	GMT	14000	1,499.65	16:22:03	XLON	2140791356

#### American Depository Receipts ("ADR")

Transaction Date	Time Zone	Volume	Price (USD)	Time	Trading Venue
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15 January 2019	EST	100	18.95	09:36:56	NYSE
15 January 2019	EST	200	18.95	09:36:56	NYSE
15 January 2019	EST	200	18.95	09:37:34	NYSE
15 January 2019	EST	100	18.96	09:38:36	NYSE
15 January 2019	EST	100	18.96	09:38:36	NYSE
15 January 2019	EST	100	18.97	09:39:02	NYSE
15 January 2019	EST	4	19	09:40:35	NYSE
15 January 2019	EST	100	19	09:40:35	NYSE
15 January 2019	EST	100	19	09:40:35	NYSE
15 January 2019	EST	200	19	09:41:30	NYSE
15 January 2019	EST	100	19	09:41:59	NYSE
15 January 2019	EST	100	19	09:42:00	NYSE
15 January 2019	EST	100	19.01	09:43:39	NYSE
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15 January 2019	EST	100	19	09:44:00	NYSE
15 January 2019	EST	100	18.99	09:44:22	NYSE
15 January 2019	EST	100	18.99	09:44:22	NYSE
15 January 2019	EST	100	18.98	09:46:24	NYSE
15 January 2019	EST	47	18.98	09:46:24	NYSE
15 January 2019	EST	53	18.98	09:46:24	NYSE
15 January 2019	EST	100	19.02	09:48:21	NYSE
15 January 2019	EST	100	19.03	09:49:27	NYSE
15 January 2019	EST	100	19.03	09:49:27	NYSE
15 January 2019	EST	100	19.05	09:50:13	NYSE
15 January 2019	EST	100	19.05	09:50:13	NYSE
15 January 2019	EST	100	19.06	09:50:36	NYSE
15 January 2019	EST	100	19.06	09:50:48	NYSE
15 January 2019	EST	100	19.055	09:51:15	NYSE
15 January 2019	EST	100	19.05	09:51:15	NYSE
15 January 2019	EST	41	19.05	09:51:15	NYSE
15 January 2019	EST	200	19.055	09:51:15	NYSE

15 January 2019	EST	100	19.05	09:51:15	NYSE
15 January 2019	EST	100	19.055	09:51:15	NYSE
15 January 2019	EST	100	19.055	09:51:15	NYSE
15 January 2019	EST	100	19.055	09:51:15	NYSE
15 January 2019	EST	100	19.04	09:51:55	NYSE
15 January 2019	EST	100	19.02	09:52:58	NYSE
15 January 2019	EST	100	19.07	09:57:15	NYSE
15 January 2019	EST	100	19.07	09:57:15	NYSE
15 January 2019	EST	100	19.07	09:57:15	NYSE
15 January 2019	EST	100	19.09	09:58:49	NYSE
15 January 2019	EST	100	19.12	10:00:01	NYSE
15 January 2019	EST	200	19.12	10:00:01	NYSE
15 January 2019	EST	100	19.12	10:00:01	NYSE
15 January 2019	EST	100	19.14	10:02:38	NYSE
15 January 2019	EST	100	19.14	10:02:38	NYSE
15 January 2019	EST	100	19.14	10:02:38	NYSE
15 January 2019	EST	100	19.15	10:04:55	NYSE
15 January 2019	EST	100	19.16	10:05:19	NYSE
15 January 2019	EST	100	19.16	10:05:19	NYSE
15 January 2019	EST	100	19.15	10:05:22	NYSE
15 January 2019	EST	100	19.15	10:05:22	NYSE
15 January 2019	EST	100	19.15	10:05:22	NYSE
15 January 2019	EST	100	19.15	10:05:22	NYSE
15 January 2019	EST	100	19.14	10:07:32	NYSE
15 January 2019	EST	124	19.15	10:09:56	NYSE
15 January 2019	EST	100	19.15	10:09:57	NYSE
15 January 2019	EST	76	19.15	10:09:57	NYSE
15 January 2019	EST	100	19.13	10:09:58	NYSE
15 January 2019	EST	100	19.13	10:09:58	NYSE
15 January 2019	EST	100	19.09	10:11:16	NYSE
15 January 2019	EST	100	19.05	10:14:14	NYSE
15 January 2019	EST	200	19.06	10:15:22	NYSE
15 January 2019	EST	12	19.05	10:15:26	NYSE
15 January 2019	EST	100	19.05	10:15:26	NYSE
15 January 2019	EST	10	19.05	10:15:26	NYSE
15 January 2019	EST	100	19.05	10:15:26	NYSE
15 January 2019	EST	78	19.05	10:15:26	NYSE
15 January 2019	EST	100	19.12	10:20:33	NYSE
15 January 2019	EST	100	19.12	10:20:33	NYSE
15 January 2019	EST	100	19.12	10:20:33	NYSE
15 January 2019	EST	200	19.11	10:21:49	NYSE
15 January 2019	EST	22	19.09	10:22:09	NYSE
15 January 2019	EST	78	19.09	10:22:09	NYSE
15 January 2019	EST	50	19.06	10:23:22	NYSE
15 January 2019	EST	50	19.06	10:23:22	NYSE
15 January 2019	EST	100	19.09	10:26:23	NYSE
15 January 2019	EST	100	19.09	10:26:23	NYSE
15 January 2019	EST	100	19.09	10:26:23	NYSE
15 January 2019	EST	200	19.08	10:26:29	NYSE
15 January 2019	EST	200	19.08	10:30:37	NYSE
15 January 2019	EST	100	19.07	10:30:37	NYSE
15 January 2019	EST	100	19.07	10:30:37	NYSE
15 January 2019	EST	100	19.06	10:30:51	NYSE
15 January 2019	EST	100	19.12	10:35:43	NYSE

15 January 2019	EST	100	19.12	10:35:48	NYSE
15 January 2019	EST	100	19.15	10:38:19	NYSE
15 January 2019	EST	100	19.15	10:38:19	NYSE
15 January 2019	EST	100	19.15	10:38:19	NYSE
15 January 2019	EST	100	19.15	10:38:19	NYSE
15 January 2019	EST	100	19.16	10:40:22	NYSE
15 January 2019	EST	100	19.15	10:41:01	NYSE
15 January 2019	EST	100	19.16	10:44:21	NYSE
15 January 2019	EST	37	19.15	10:45:15	NYSE
15 January 2019	EST	263	19.15	10:45:15	NYSE
15 January 2019	EST	100	19.16	10:46:25	NYSE
15 January 2019	EST	100	19.16	10:47:13	NYSE
15 January 2019	EST	32	19.14	10:48:37	NYSE
15 January 2019	EST	133	19.14	10:48:37	NYSE
15 January 2019	EST	35	19.14	10:48:37	NYSE
15 January 2019	EST	100	19.155	10:53:55	NYSE
15 January 2019	EST	100	19.155	10:53:55	NYSE
15 January 2019	EST	100	19.16	10:56:19	NYSE
15 January 2019	EST	100	19.16	10:56:19	NYSE
15 January 2019	EST	31	19.14	10:58:20	NYSE
15 January 2019	EST	100	19.16	10:59:25	NYSE
15 January 2019	EST	200	19.16	10:59:25	NYSE
15 January 2019	EST	200	19.16	10:59:25	NYSE
15 January 2019	EST	151	19.15	11:00:13	NYSE
15 January 2019	EST	49	19.15	11:00:13	NYSE
15 January 2019	EST	151	19.15	11:00:13	NYSE
15 January 2019	EST	49	19.15	11:00:13	NYSE
15 January 2019	EST	200	19.16	11:02:59	NYSE
15 January 2019	EST	100	19.13	11:06:05	NYSE
15 January 2019	EST	100	19.135	11:09:15	NYSE
15 January 2019	EST	100	19.135	11:09:15	NYSE
15 January 2019	EST	100	19.12	11:11:53	NYSE
15 January 2019	EST	200	19.12	11:12:45	NYSE
15 January 2019	EST	100	19.12	11:12:45	NYSE
15 January 2019	EST	100	19.12	11:12:45	NYSE
15 January 2019	EST	100	19.07	11:16:03	NYSE
15 January 2019	EST	100	19.08	11:16:32	NYSE
15 January 2019	EST	100	19.08	11:16:32	NYSE
15 January 2019	EST	100	19.08	11:16:32	NYSE
15 January 2019	EST	100	19.08	11:17:44	NYSE
15 January 2019	EST	100	19.08	11:17:44	NYSE
15 January 2019	EST	100	19.08	11:17:44	NYSE
15 January 2019	EST	100	19.08	11:17:44	NYSE
15 January 2019	EST	200	19.08	11:17:44	NYSE
15 January 2019	EST	200	19.1	11:19:23	NYSE
15 January 2019	EST	100	19.11	11:19:46	NYSE
15 January 2019	EST	100	19.11	11:20:10	NYSE
15 January 2019	EST	24	19.11	11:21:00	NYSE
15 January 2019	EST	100	19.11	11:21:00	NYSE