

## Transaction in Own Shares

29 January 2019

Micro Focus International plc (the "**Company**") announces that on 28 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	14.6269	41,510
CHIX	14.6146	46,510
BATE	14.6338	555

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
28 January 2019	GMT	21	1,467.50	08:00:31	CHIX	19028XJ8hov
28 January 2019	GMT	18	1,476.00	08:01:24	BATE	19028XJ8hs4
28 January 2019	GMT	74	1,490.00	08:06:25	CHIX	19028XJ8iag
28 January 2019	GMT	74	1,490.00	08:06:25	CHIX	19028XJ8iah
28 January 2019	GMT	45	1,489.00	08:06:25	CHIX	19028XJ8iai
28 January 2019	GMT	99	1,489.00	08:06:25	CHIX	19028XJ8iaj
28 January 2019	GMT	54	1,489.00	08:06:25	CHIX	19028XJ8ial
28 January 2019	GMT	76	1,489.00	08:06:25	CHIX	19028XJ8iak
28 January 2019	GMT	69	1,487.00	08:06:38	CHIX	19028XJ8iax
28 January 2019	GMT	68	1,487.00	08:06:45	CHIX	19028XJ8ibe
28 January 2019	GMT	126	1,486.00	08:08:31	CHIX	19028XJ8ii1
28 January 2019	GMT	114	1,485.50	08:08:31	CHIX	19028XJ8ii0
28 January 2019	GMT	41	1,485.50	08:08:31	CHIX	19028XJ8ii2
28 January 2019	GMT	115	1,486.00	08:08:31	CHIX	19028XJ8ihy
28 January 2019	GMT	37	1,485.00	08:08:31	XLON	19028XJ8ihx
28 January 2019	GMT	37	1,485.00	08:08:31	XLON	19028XJ8ihz
28 January 2019	GMT	90	1,484.00	08:08:31	CHIX	19028XJ8ii4
28 January 2019	GMT	74	1,484.00	08:08:31	CHIX	19028XJ8ii3
28 January 2019	GMT	93	1,482.00	08:08:54	CHIX	19028XJ8ijp
28 January 2019	GMT	106	1,480.50	08:12:40	CHIX	19028XJ8iyg
28 January 2019	GMT	106	1,480.00	08:12:40	CHIX	19028XJ8iyh
28 January 2019	GMT	117	1,480.50	08:12:40	XLON	19028XJ8iyi
28 January 2019	GMT	124	1,480.00	08:12:40	XLON	19028XJ8iyj

28 January 2019	GMT	96	1,478.50	08:12:40	XLON	19028XJ8iyk
28 January 2019	GMT	106	1,478.50	08:12:40	CHIX	19028XJ8iyl
28 January 2019	GMT	86	1,476.50	08:12:41	CHIX	19028XJ8iyz
28 January 2019	GMT	82	1,476.00	08:12:41	CHIX	19028XJ8iz0
28 January 2019	GMT	84	1,474.50	08:16:08	CHIX	19028XJ8jlh
28 January 2019	GMT	124	1,473.50	08:16:10	CHIX	19028XJ8jln
28 January 2019	GMT	152	1,474.00	08:17:37	CHIX	19028XJ8jsv
28 January 2019	GMT	132	1,473.50	08:17:37	CHIX	19028XJ8jsw
28 January 2019	GMT	65	1,473.00	08:17:40	CHIX	19028XJ8jtb
28 January 2019	GMT	49	1,470.00	08:17:50	CHIX	19028XJ8jtn
28 January 2019	GMT	69	1,469.50	08:17:50	CHIX	19028XJ8jto
28 January 2019	GMT	114	1,469.00	08:18:04	CHIX	19028XJ8juk
28 January 2019	GMT	78	1,480.50	08:19:55	CHIX	19028XJ8k1r
28 January 2019	GMT	78	1,480.50	08:19:55	CHIX	19028XJ8k1q
28 January 2019	GMT	85	1,480.50	08:21:48	CHIX	19028XJ8k9g
28 January 2019	GMT	82	1,480.50	08:21:48	CHIX	19028XJ8k9f
28 January 2019	GMT	114	1,478.00	08:21:48	CHIX	19028XJ8k9i
28 January 2019	GMT	114	1,478.00	08:21:48	CHIX	19028XJ8k9h
28 January 2019	GMT	75	1,475.50	08:21:48	CHIX	19028XJ8k9k
28 January 2019	GMT	115	1,475.50	08:21:48	CHIX	19028XJ8k9j
28 January 2019	GMT	47	1,474.00	08:26:24	CHIX	19028XJ8kp7
28 January 2019	GMT	78	1,473.50	08:26:48	CHIX	19028XJ8kq7
28 January 2019	GMT	29	1,473.50	08:26:48	CHIX	19028XJ8kq8
28 January 2019	GMT	95	1,473.50	08:26:48	XLON	19028XJ8kq9
28 January 2019	GMT	40	1,470.50	08:28:08	CHIX	19028XJ8kvn
28 January 2019	GMT	115	1,469.50	08:28:48	CHIX	19028XJ8l2m
28 January 2019	GMT	40	1,469.00	08:31:32	CHIX	19028XJ8lgc
28 January 2019	GMT	59	1,469.50	08:31:58	CHIX	19028XJ8lic
28 January 2019	GMT	1	1,469.50	08:32:36	XLON	19028XJ8ll7
28 January 2019	GMT	13	1,469.50	08:32:36	XLON	19028XJ8ll6

28 January 2019	GMT	77	1,469.50	08:32:36	CHIX	19028XJ8ll8
28 January 2019	GMT	78	1,469.00	08:32:58	CHIX	19028XJ8lno
28 January 2019	GMT	66	1,468.50	08:33:08	CHIX	19028XJ8lo2
28 January 2019	GMT	33	1,468.50	08:33:18	XLON	19028XJ8loo
28 January 2019	GMT	54	1,467.50	08:33:38	XLON	19028XJ8lpj
28 January 2019	GMT	117	1,467.50	08:33:38	CHIX	19028XJ8lpk
28 January 2019	GMT	143	1,466.50	08:34:31	XLON	19028XJ8lt0
28 January 2019	GMT	96	1,467.50	08:34:31	CHIX	19028XJ8lt2
28 January 2019	GMT	114	1,466.50	08:34:31	CHIX	19028XJ8lt1
28 January 2019	GMT	144	1,466.00	08:34:31	CHIX	19028XJ8lt3
28 January 2019	GMT	40	1,465.50	08:36:00	CHIX	19028XJ8lzz
28 January 2019	GMT	77	1,465.00	08:36:00	CHIX	19028XJ8lzk
28 January 2019	GMT	121	1,465.00	08:36:00	CHIX	19028XJ8lzl
28 January 2019	GMT	24	1,462.50	08:37:17	XLON	19028XJ8m3e
28 January 2019	GMT	8	1,462.50	08:37:17	XLON	19028XJ8m3d
28 January 2019	GMT	70	1,462.00	08:37:28	CHIX	19028XJ8m42
28 January 2019	GMT	14	1,462.00	08:37:28	XLON	19028XJ8m41
28 January 2019	GMT	79	1,460.50	08:39:07	CHIX	19028XJ8mac
28 January 2019	GMT	40	1,460.50	08:39:07	CHIX	19028XJ8mab
28 January 2019	GMT	39	1,460.50	08:39:38	XLON	19028XJ8mb3
28 January 2019	GMT	96	1,460.00	08:40:16	CHIX	19028XJ8mcw
28 January 2019	GMT	43	1,460.00	08:40:16	CHIX	19028XJ8mcx
28 January 2019	GMT	58	1,459.00	08:40:53	XLON	19028XJ8me2
28 January 2019	GMT	115	1,459.00	08:40:54	CHIX	19028XJ8me4
28 January 2019	GMT	107	1,459.00	08:40:54	CHIX	19028XJ8me3
28 January 2019	GMT	134	1,457.50	08:43:17	XLON	19028XJ8mlt
28 January 2019	GMT	9	1,458.00	08:43:17	XLON	19028XJ8mlu
28 January 2019	GMT	72	1,457.50	08:44:58	XLON	19028XJ8mqf
28 January 2019	GMT	108	1,457.50	08:44:58	CHIX	19028XJ8mqg
28 January 2019	GMT	97	1,458.00	08:48:18	CHIX	19028XJ8n1g

28 January 2019	GMT	2	1,460.00	08:52:18	XLON	19028XJ8ngd
28 January 2019	GMT	247	1,460.00	08:52:18	XLON	19028XJ8ngf
28 January 2019	GMT	153	1,460.00	08:52:18	XLON	19028XJ8nge
28 January 2019	GMT	182	1,460.00	08:52:18	CHIX	19028XJ8ngh
28 January 2019	GMT	125	1,460.00	08:52:18	CHIX	19028XJ8ngg
28 January 2019	GMT	90	1,459.00	08:52:18	XLON	19028XJ8ngj
28 January 2019	GMT	136	1,459.00	08:52:18	CHIX	19028XJ8ngi
28 January 2019	GMT	108	1,459.00	08:52:18	CHIX	19028XJ8ngk
28 January 2019	GMT	93	1,457.50	08:55:40	XLON	19028XJ8nsm
28 January 2019	GMT	102	1,457.50	08:55:40	CHIX	19028XJ8nsn
28 January 2019	GMT	111	1,457.50	08:56:06	CHIX	19028XJ8nuv
28 January 2019	GMT	61	1,457.00	08:56:06	CHIX	19028XJ8nuw
28 January 2019	GMT	7	1,456.50	08:56:06	CHIX	19028XJ8nux
28 January 2019	GMT	161	1,456.50	08:57:30	CHIX	19028XJ8nzs
28 January 2019	GMT	48	1,456.00	08:57:46	CHIX	19028XJ8o1p
28 January 2019	GMT	114	1,455.50	08:57:47	CHIX	19028XJ8o1q
28 January 2019	GMT	25	1,454.50	08:58:41	XLON	19028XJ8o4h
28 January 2019	GMT	10	1,454.50	08:58:41	XLON	19028XJ8o4g
28 January 2019	GMT	39	1,454.50	08:58:41	XLON	19028XJ8o4f
28 January 2019	GMT	108	1,454.00	08:58:42	CHIX	19028XJ8o4j
28 January 2019	GMT	122	1,454.00	08:58:42	CHIX	19028XJ8o4i
28 January 2019	GMT	108	1,454.50	09:04:11	CHIX	19028XJ8osp
28 January 2019	GMT	87	1,454.50	09:04:11	XLON	19028XJ8osq
28 January 2019	GMT	116	1,454.00	09:05:30	CHIX	19028XJ8oy8
28 January 2019	GMT	112	1,453.50	09:05:30	CHIX	19028XJ8oy9
28 January 2019	GMT	94	1,454.50	09:06:36	CHIX	19028XJ8p1u
28 January 2019	GMT	78	1,454.00	09:06:36	CHIX	19028XJ8p1w
28 January 2019	GMT	45	1,454.00	09:06:36	CHIX	19028XJ8p1x
28 January 2019	GMT	46	1,453.50	09:06:38	CHIX	19028XJ8p1z
28 January 2019	GMT	114	1,453.50	09:06:38	CHIX	19028XJ8p1y

28 January 2019	GMT	54	1,453.00	09:06:45	CHIX	19028XJ8p23
28 January 2019	GMT	102	1,453.00	09:06:45	CHIX	19028XJ8p24
28 January 2019	GMT	19	1,453.00	09:06:45	XLON	19028XJ8p22
28 January 2019	GMT	165	1,451.50	09:07:11	CHIX	19028XJ8p3a
28 January 2019	GMT	117	1,450.50	09:09:22	CHIX	19028XJ8pea
28 January 2019	GMT	182	1,450.00	09:14:08	XLON	19028XJ8q30
28 January 2019	GMT	118	1,450.00	09:14:08	CHIX	19028XJ8q31
28 January 2019	GMT	16	1,450.00	09:14:18	CHIX	19028XJ8q3a
28 January 2019	GMT	110	1,450.00	09:14:18	CHIX	19028XJ8q3b
28 January 2019	GMT	144	1,458.00	09:20:18	CHIX	19028XJ8qt3
28 January 2019	GMT	79	1,459.50	09:22:48	CHIX	19028XJ8r3c
28 January 2019	GMT	201	1,459.00	09:22:48	XLON	19028XJ8r3d
28 January 2019	GMT	149	1,459.00	09:22:48	CHIX	19028XJ8r3e
28 January 2019	GMT	100	1,462.00	09:25:31	CHIX	19028XJ8rgg
28 January 2019	GMT	43	1,462.00	09:25:31	CHIX	19028XJ8rgh
28 January 2019	GMT	194	1,462.00	09:25:31	XLON	19028XJ8rgi
28 January 2019	GMT	159	1,461.50	09:26:26	XLON	19028XJ8rk2
28 January 2019	GMT	60	1,461.50	09:26:26	CHIX	19028XJ8rk3
28 January 2019	GMT	67	1,461.50	09:26:26	CHIX	19028XJ8rk4
28 January 2019	GMT	236	1,463.50	09:28:57	XLON	19028XJ8rqy
28 January 2019	GMT	72	1,463.50	09:28:57	XLON	19028XJ8rqz
28 January 2019	GMT	227	1,463.50	09:28:57	CHIX	19028XJ8rr0
28 January 2019	GMT	82	1,467.50	09:35:33	CHIX	19028XJ8t1x
28 January 2019	GMT	107	1,469.00	09:38:09	CHIX	19028XJ8tde
28 January 2019	GMT	133	1,469.00	09:38:09	XLON	19028XJ8tdf
28 January 2019	GMT	26	1,468.50	09:38:09	CHIX	19028XJ8tdd
28 January 2019	GMT	107	1,468.50	09:38:09	CHIX	19028XJ8tdh
28 January 2019	GMT	87	1,468.50	09:38:09	CHIX	19028XJ8tdg
28 January 2019	GMT	120	1,468.50	09:38:09	XLON	19028XJ8tdj
28 January 2019	GMT	130	1,468.50	09:38:09	XLON	19028XJ8tdi

28 January 2019	GMT	182	1,468.00	09:40:01	XLON	19028XJ8trm
28 January 2019	GMT	43	1,468.00	09:40:01	XLON	19028XJ8trn
28 January 2019	GMT	217	1,468.00	09:40:01	XLON	19028XJ8tro
28 January 2019	GMT	192	1,468.00	09:40:01	CHIX	19028XJ8trq
28 January 2019	GMT	134	1,468.00	09:40:01	CHIX	19028XJ8trp
28 January 2019	GMT	11	1,468.50	09:47:15	CHIX	19028XJ8uhi
28 January 2019	GMT	86	1,468.50	09:47:15	CHIX	19028XJ8uhj
28 January 2019	GMT	115	1,468.50	09:47:50	CHIX	19028XJ8uj4
28 January 2019	GMT	37	1,467.50	09:48:20	XLON	19028XJ8umm
28 January 2019	GMT	219	1,467.50	09:48:20	XLON	19028XJ8umo
28 January 2019	GMT	162	1,467.50	09:48:20	CHIX	19028XJ8umn
28 January 2019	GMT	161	1,467.00	09:48:20	XLON	19028XJ8ump
28 January 2019	GMT	128	1,467.00	09:48:20	CHIX	19028XJ8umq
28 January 2019	GMT	146	1,467.00	09:48:20	CHIX	19028XJ8umr
28 January 2019	GMT	115	1,466.50	09:49:16	CHIX	19028XJ8uq3
28 January 2019	GMT	136	1,466.00	09:49:16	XLON	19028XJ8uq4
28 January 2019	GMT	109	1,466.00	09:49:16	CHIX	19028XJ8uq6
28 January 2019	GMT	134	1,472.00	09:59:16	XLON	19028XJ8vu4
28 January 2019	GMT	269	1,472.00	09:59:16	XLON	19028XJ8vu5
28 January 2019	GMT	197	1,472.00	09:59:16	CHIX	19028XJ8vu7
28 January 2019	GMT	108	1,472.00	09:59:16	CHIX	19028XJ8vu6
28 January 2019	GMT	79	1,471.50	09:59:16	CHIX	19028XJ8vu8
28 January 2019	GMT	134	1,471.00	09:59:16	XLON	19028XJ8vu9
28 January 2019	GMT	108	1,471.00	09:59:16	CHIX	19028XJ8vua
28 January 2019	GMT	153	1,471.50	10:02:31	CHIX	19028XJ8w4o
28 January 2019	GMT	81	1,469.00	10:04:29	CHIX	19028XJ8w9g
28 January 2019	GMT	69	1,469.00	10:04:29	CHIX	19028XJ8w9h
28 January 2019	GMT	82	1,469.00	10:04:29	CHIX	19028XJ8w9i
28 January 2019	GMT	116	1,467.00	10:05:29	CHIX	19028XJ8wcl
28 January 2019	GMT	57	1,468.50	10:10:46	CHIX	19028XJ8wtf

28 January 2019	GMT	71	1,468.50	10:10:46	CHIX	19028XJ8wte
28 January 2019	GMT	116	1,467.50	10:11:55	CHIX	19028XJ8wvk
28 January 2019	GMT	121	1,467.50	10:13:42	CHIX	19028XJ8x1l
28 January 2019	GMT	28	1,467.00	10:13:42	CHIX	19028XJ8x1m
28 January 2019	GMT	91	1,467.00	10:13:42	CHIX	19028XJ8x1n
28 January 2019	GMT	60	1,466.50	10:13:51	CHIX	19028XJ8x2a
28 January 2019	GMT	22	1,468.00	10:19:53	XLON	19028XJ8xkx
28 January 2019	GMT	75	1,468.00	10:19:53	CHIX	19028XJ8xkz
28 January 2019	GMT	116	1,468.00	10:19:53	CHIX	19028XJ8xky
28 January 2019	GMT	46	1,468.00	10:19:53	CHIX	19028XJ8x1l
28 January 2019	GMT	75	1,468.00	10:19:53	CHIX	19028XJ8x10
28 January 2019	GMT	35	1,467.50	10:20:29	CHIX	19028XJ8xmu
28 January 2019	GMT	87	1,467.50	10:20:29	CHIX	19028XJ8xmv
28 January 2019	GMT	100	1,467.00	10:20:37	XLON	19028XJ8xn6
28 January 2019	GMT	107	1,467.00	10:20:37	CHIX	19028XJ8xn7
28 January 2019	GMT	116	1,467.00	10:20:37	CHIX	19028XJ8xn8
28 January 2019	GMT	107	1,466.00	10:21:17	CHIX	19028XJ8xpj
28 January 2019	GMT	11	1,466.00	10:21:17	XLON	19028XJ8xpm
28 January 2019	GMT	1	1,466.00	10:21:17	XLON	19028XJ8xpl
28 January 2019	GMT	115	1,466.00	10:21:17	XLON	19028XJ8xpk
28 January 2019	GMT	151	1,466.00	10:22:56	CHIX	19028XJ8xwj
28 January 2019	GMT	126	1,466.00	10:25:40	CHIX	19028XJ8y47
28 January 2019	GMT	120	1,465.50	10:28:35	CHIX	19028XJ8ycv
28 January 2019	GMT	107	1,465.00	10:28:35	CHIX	19028XJ8ycw
28 January 2019	GMT	123	1,465.00	10:28:35	CHIX	19028XJ8ycx
28 January 2019	GMT	154	1,464.00	10:29:07	CHIX	19028XJ8yej
28 January 2019	GMT	158	1,463.50	10:33:29	CHIX	19028XJ8yq5
28 January 2019	GMT	309	1,464.00	10:38:05	XLON	19028XJ8z25
28 January 2019	GMT	227	1,464.00	10:38:05	CHIX	19028XJ8z26
28 January 2019	GMT	24	1,463.50	10:38:05	XLON	19028XJ8z27

28 January 2019	GMT	125	1,463.50	10:38:05	CHIX	19028XJ8z23
28 January 2019	GMT	100	1,463.00	10:38:05	XLON	19028XJ8z28
28 January 2019	GMT	72	1,463.00	10:38:05	XLON	19028XJ8z2a
28 January 2019	GMT	141	1,463.00	10:38:05	CHIX	19028XJ8z2b
28 January 2019	GMT	8	1,463.00	10:38:05	CHIX	19028XJ8z24
28 January 2019	GMT	128	1,463.00	10:38:05	CHIX	19028XJ8z2c
28 January 2019	GMT	92	1,463.00	10:38:05	CHIX	19028XJ8z29
28 January 2019	GMT	119	1,462.50	10:38:51	CHIX	19028XJ8z6d
28 January 2019	GMT	72	1,460.00	10:49:56	CHIX	19028XJ90fm
28 January 2019	GMT	72	1,460.00	10:49:56	CHIX	19028XJ90fn
28 January 2019	GMT	13	1,459.50	10:51:20	XLON	19028XJ90l4
28 January 2019	GMT	115	1,459.00	10:51:21	CHIX	19028XJ90la
28 January 2019	GMT	119	1,459.00	10:51:21	CHIX	19028XJ90l9
28 January 2019	GMT	139	1,458.00	10:52:25	CHIX	19028XJ90qt
28 January 2019	GMT	124	1,457.50	10:52:36	CHIX	19028XJ90rq
28 January 2019	GMT	48	1,457.50	10:57:20	CHIX	19028XJ9199
28 January 2019	GMT	13	1,457.50	10:57:21	CHIX	19028XJ919e
28 January 2019	GMT	73	1,457.50	10:57:21	CHIX	19028XJ919d
28 January 2019	GMT	50	1,457.50	10:57:22	CHIX	19028XJ919k
28 January 2019	GMT	130	1,456.50	10:57:35	CHIX	19028XJ919w
28 January 2019	GMT	15	1,458.00	11:07:23	CHIX	19028XJ92dk
28 January 2019	GMT	131	1,458.00	11:07:23	CHIX	19028XJ92dl
28 January 2019	GMT	198	1,458.00	11:07:23	XLON	19028XJ92dm
28 January 2019	GMT	27	1,457.50	11:07:23	XLON	19028XJ92do
28 January 2019	GMT	159	1,457.50	11:07:23	XLON	19028XJ92dn
28 January 2019	GMT	128	1,457.50	11:07:23	CHIX	19028XJ92dp
28 January 2019	GMT	73	1,458.00	11:07:23	CHIX	19028XJ92dq
28 January 2019	GMT	138	1,458.00	11:10:32	XLON	19028XJ92pl
28 January 2019	GMT	35	1,458.00	11:10:32	CHIX	19028XJ92pk
28 January 2019	GMT	76	1,458.00	11:10:32	CHIX	19028XJ92pm

28 January 2019	GMT	111	1,457.50	11:10:32	XLON	19028XJ92pn
28 January 2019	GMT	80	1,457.50	11:10:32	XLON	19028XJ92po
28 January 2019	GMT	140	1,457.50	11:10:32	CHIX	19028XJ92pq
28 January 2019	GMT	305	1,457.00	11:10:32	XLON	19028XJ92pp
28 January 2019	GMT	79	1,457.00	11:10:32	XLON	19028XJ92pr
28 January 2019	GMT	2	1,456.50	11:12:13	XLON	19028XJ92uh
28 January 2019	GMT	212	1,456.50	11:12:13	XLON	19028XJ92ui
28 January 2019	GMT	157	1,456.50	11:12:13	CHIX	19028XJ92uj
28 January 2019	GMT	155	1,456.00	11:20:58	CHIX	19028XJ93ou
28 January 2019	GMT	137	1,456.00	11:24:04	XLON	19028XJ944b
28 January 2019	GMT	116	1,456.00	11:24:04	CHIX	19028XJ944c
28 January 2019	GMT	52	1,456.00	11:24:04	CHIX	19028XJ944d
28 January 2019	GMT	57	1,456.00	11:24:04	CHIX	19028XJ944e
28 January 2019	GMT	122	1,455.50	11:24:15	CHIX	19028XJ945f
28 January 2019	GMT	113	1,455.50	11:24:15	CHIX	19028XJ945e
28 January 2019	GMT	141	1,455.50	11:24:15	XLON	19028XJ945d
28 January 2019	GMT	111	1,452.00	11:33:00	CHIX	19028XJ94wy
28 January 2019	GMT	6	1,452.00	11:33:00	CHIX	19028XJ94wz
28 January 2019	GMT	117	1,451.50	11:33:00	CHIX	19028XJ94x0
28 January 2019	GMT	55	1,451.00	11:33:00	CHIX	19028XJ94x1
28 January 2019	GMT	63	1,451.00	11:33:00	CHIX	19028XJ94x2
28 January 2019	GMT	7	1,453.00	11:43:40	XLON	19028XJ95vy
28 January 2019	GMT	243	1,453.00	11:43:40	XLON	19028XJ95vu
28 January 2019	GMT	52	1,453.00	11:43:40	CHIX	19028XJ95vz
28 January 2019	GMT	179	1,453.00	11:43:40	CHIX	19028XJ95vw
28 January 2019	GMT	80	1,453.00	11:43:40	CHIX	19028XJ95vx
28 January 2019	GMT	222	1,452.50	11:45:24	XLON	19028XJ9656
28 January 2019	GMT	163	1,452.50	11:45:24	CHIX	19028XJ9657
28 January 2019	GMT	49	1,453.50	11:54:42	XLON	19028XJ96z5
28 January 2019	GMT	122	1,453.50	11:54:42	CHIX	19028XJ96z6

28 January 2019	GMT	118	1,453.50	11:55:20	XLON	19028XJ970s
28 January 2019	GMT	31	1,453.50	11:55:20	XLON	19028XJ970t
28 January 2019	GMT	120	1,453.50	11:55:20	CHIX	19028XJ970u
28 January 2019	GMT	169	1,453.00	11:55:34	XLON	19028XJ971k
28 January 2019	GMT	129	1,453.00	11:55:34	CHIX	19028XJ971l
28 January 2019	GMT	134	1,454.00	12:02:11	XLON	19028XJ97nb
28 January 2019	GMT	156	1,454.00	12:02:11	XLON	19028XJ97nc
28 January 2019	GMT	131	1,453.50	12:02:49	CHIX	19028XJ97qq
28 January 2019	GMT	70	1,453.50	12:03:42	XLON	19028XJ97vh
28 January 2019	GMT	108	1,453.50	12:03:42	CHIX	19028XJ97vi
28 January 2019	GMT	61	1,453.50	12:03:42	CHIX	19028XJ97vj
28 January 2019	GMT	56	1,455.00	12:10:51	CHIX	19028XJ98om
28 January 2019	GMT	203	1,455.00	12:10:51	CHIX	19028XJ98on
28 January 2019	GMT	352	1,455.00	12:10:51	XLON	19028XJ98oo
28 January 2019	GMT	131	1,456.50	12:16:48	XLON	19028XJ99b2
28 January 2019	GMT	108	1,456.50	12:16:48	CHIX	19028XJ99b3
28 January 2019	GMT	148	1,456.00	12:16:48	XLON	19028XJ99b4
28 January 2019	GMT	284	1,458.50	12:23:07	XLON	19028XJ99vv
28 January 2019	GMT	138	1,458.50	12:23:07	CHIX	19028XJ99vw
28 January 2019	GMT	71	1,458.50	12:23:07	CHIX	19028XJ99vx
28 January 2019	GMT	129	1,458.00	12:23:07	CHIX	19028XJ99vy
28 January 2019	GMT	118	1,461.00	12:27:40	CHIX	19028XJ9a9u
28 January 2019	GMT	96	1,461.00	12:28:53	CHIX	19028XJ9aes
28 January 2019	GMT	173	1,461.00	12:32:17	XLON	19028XJ9at5
28 January 2019	GMT	43	1,461.00	12:32:17	CHIX	19028XJ9at6
28 January 2019	GMT	128	1,461.00	12:32:17	CHIX	19028XJ9at7
28 January 2019	GMT	259	1,460.50	12:32:37	XLON	19028XJ9aud
28 January 2019	GMT	35	1,460.50	12:32:37	XLON	19028XJ9auc
28 January 2019	GMT	190	1,460.50	12:32:37	CHIX	19028XJ9aue
28 January 2019	GMT	3	1,460.50	12:39:33	XLON	19028XJ9bif

28 January 2019	GMT	164	1,460.50	12:39:33	XLON	19028XJ9big
28 January 2019	GMT	128	1,460.50	12:39:33	CHIX	19028XJ9bih
28 January 2019	GMT	167	1,459.50	12:39:44	XLON	19028XJ9biy
28 January 2019	GMT	128	1,459.50	12:39:44	CHIX	19028XJ9biz
28 January 2019	GMT	320	1,460.00	12:45:58	XLON	19028XJ9byg
28 January 2019	GMT	33	1,460.00	12:45:58	CHIX	19028XJ9byi
28 January 2019	GMT	202	1,460.00	12:45:58	CHIX	19028XJ9byj
28 January 2019	GMT	173	1,460.00	12:59:19	XLON	19028XJ9dim
28 January 2019	GMT	191	1,460.00	12:59:19	XLON	19028XJ9dio
28 January 2019	GMT	3	1,460.00	12:59:19	XLON	19028XJ9dip
28 January 2019	GMT	122	1,460.00	12:59:19	CHIX	19028XJ9dis
28 January 2019	GMT	93	1,460.00	12:59:19	CHIX	19028XJ9dir
28 January 2019	GMT	129	1,460.00	12:59:19	CHIX	19028XJ9din
28 January 2019	GMT	142	1,460.00	12:59:19	CHIX	19028XJ9diq
28 January 2019	GMT	57	1,458.50	13:00:05	CHIX	19028XJ9dlv
28 January 2019	GMT	170	1,458.00	13:01:01	XLON	19028XJ9dp6
28 January 2019	GMT	159	1,457.00	13:07:31	CHIX	19028XJ9eih
28 January 2019	GMT	217	1,457.00	13:07:31	XLON	19028XJ9eii
28 January 2019	GMT	118	1,456.00	13:07:50	CHIX	19028XJ9ejc
28 January 2019	GMT	124	1,456.00	13:07:50	CHIX	19028XJ9ejd
28 January 2019	GMT	160	1,454.50	13:09:44	CHIX	19028XJ9eyb
28 January 2019	GMT	41	1,454.50	13:09:44	CHIX	19028XJ9eyd
28 January 2019	GMT	86	1,454.50	13:09:44	CHIX	19028XJ9eyc
28 January 2019	GMT	111	1,454.50	13:09:44	CHIX	19028XJ9eyh
28 January 2019	GMT	79	1,454.50	13:09:44	XLON	19028XJ9eye
28 January 2019	GMT	138	1,454.50	13:09:44	XLON	19028XJ9eyg
28 January 2019	GMT	120	1,453.00	13:11:10	CHIX	19028XJ9f8e
28 January 2019	GMT	120	1,452.00	13:16:03	CHIX	19028XJ9fx2
28 January 2019	GMT	63	1,453.00	13:19:54	CHIX	19028XJ9g5q
28 January 2019	GMT	59	1,453.00	13:19:54	CHIX	19028XJ9g5r

28 January 2019	GMT	80	1,452.50	13:20:34	XLON	19028XJ9g86
28 January 2019	GMT	108	1,452.50	13:20:34	CHIX	19028XJ9g82
28 January 2019	GMT	122	1,452.00	13:20:35	CHIX	19028XJ9g9w
28 January 2019	GMT	115	1,452.00	13:20:35	CHIX	19028XJ9g9v
28 January 2019	GMT	42	1,455.50	13:34:58	XLON	19028XJ9ieb
28 January 2019	GMT	82	1,455.50	13:34:58	XLON	19028XJ9iea
28 January 2019	GMT	191	1,455.50	13:34:58	XLON	19028XJ9iec
28 January 2019	GMT	108	1,455.50	13:34:58	CHIX	19028XJ9ied
28 January 2019	GMT	93	1,455.50	13:34:58	CHIX	19028XJ9ief
28 January 2019	GMT	142	1,455.50	13:34:58	CHIX	19028XJ9iee
28 January 2019	GMT	34	1,455.50	13:34:58	CHIX	19028XJ9ieh
28 January 2019	GMT	190	1,455.00	13:34:58	XLON	19028XJ9ieg
28 January 2019	GMT	1	1,455.00	13:34:58	XLON	19028XJ9iei
28 January 2019	GMT	142	1,455.00	13:34:58	CHIX	19028XJ9iej
28 January 2019	GMT	316	1,454.50	13:35:08	XLON	19028XJ9ifx
28 January 2019	GMT	28	1,454.50	13:35:08	CHIX	19028XJ9ify
28 January 2019	GMT	203	1,454.50	13:35:08	CHIX	19028XJ9ifz
28 January 2019	GMT	162	1,454.00	13:35:12	CHIX	19028XJ9igs
28 January 2019	GMT	126	1,454.00	13:35:12	CHIX	19028XJ9igr
28 January 2019	GMT	158	1,454.00	13:35:12	XLON	19028XJ9igq
28 January 2019	GMT	218	1,454.00	13:35:12	XLON	19028XJ9igt
28 January 2019	GMT	20	1,454.00	13:35:12	XLON	19028XJ9igu
28 January 2019	GMT	25	1,454.00	13:35:12	XLON	19028XJ9igw
28 January 2019	GMT	1	1,454.00	13:35:12	XLON	19028XJ9igv
28 January 2019	GMT	269	1,453.50	13:35:12	XLON	19028XJ9igx
28 January 2019	GMT	148	1,453.50	13:35:12	CHIX	19028XJ9igy
28 January 2019	GMT	28	1,458.00	13:47:44	CHIX	19028XJ9kd7
28 January 2019	GMT	23	1,457.00	13:49:54	CHIX	19028XJ9kl8
28 January 2019	GMT	98	1,457.00	13:49:54	CHIX	19028XJ9kl9
28 January 2019	GMT	40	1,456.50	13:50:30	CHIX	19028XJ9knu

28 January 2019	GMT	94	1,456.00	13:50:49	CHIX	19028XJ9kpr
28 January 2019	GMT	85	1,457.00	13:55:18	CHIX	19028XJ9l4v
28 January 2019	GMT	108	1,457.00	13:55:18	CHIX	19028XJ9l4w
28 January 2019	GMT	35	1,457.00	13:55:18	CHIX	19028XJ9l4x
28 January 2019	GMT	77	1,457.00	13:55:18	XLON	19028XJ9l4y
28 January 2019	GMT	118	1,456.00	14:01:15	CHIX	19028XJ9m4g
28 January 2019	GMT	7	1,456.00	14:01:15	CHIX	19028XJ9m4h
28 January 2019	GMT	150	1,456.00	14:01:15	CHIX	19028XJ9m4k
28 January 2019	GMT	54	1,456.00	14:01:15	CHIX	19028XJ9m4m
28 January 2019	GMT	5	1,456.00	14:01:15	XLON	19028XJ9m4j
28 January 2019	GMT	282	1,456.00	14:01:15	XLON	19028XJ9m4l
28 January 2019	GMT	116	1,455.50	14:01:46	CHIX	19028XJ9maf
28 January 2019	GMT	118	1,455.00	14:01:46	CHIX	19028XJ9mag
28 January 2019	GMT	15	1,455.00	14:05:57	CHIX	19028XJ9n4h
28 January 2019	GMT	106	1,455.00	14:05:57	CHIX	19028XJ9n4i
28 January 2019	GMT	108	1,456.50	14:10:55	CHIX	19028XJ9o4u
28 January 2019	GMT	42	1,456.50	14:10:55	CHIX	19028XJ9o4w
28 January 2019	GMT	83	1,456.50	14:10:55	CHIX	19028XJ9o4x
28 January 2019	GMT	1	1,456.50	14:10:55	XLON	19028XJ9o50
28 January 2019	GMT	23	1,456.50	14:10:55	XLON	19028XJ9o4z
28 January 2019	GMT	109	1,456.50	14:10:55	XLON	19028XJ9o4y
28 January 2019	GMT	163	1,459.50	14:15:54	XLON	19028XJ9p73
28 January 2019	GMT	73	1,459.50	14:15:54	XLON	19028XJ9p72
28 January 2019	GMT	128	1,459.50	14:15:54	CHIX	19028XJ9p75
28 January 2019	GMT	108	1,459.50	14:15:54	CHIX	19028XJ9p74
28 January 2019	GMT	145	1,458.50	14:16:59	CHIX	19028XJ9pbb
28 January 2019	GMT	126	1,458.50	14:16:59	CHIX	19028XJ9pbc
28 January 2019	GMT	86	1,458.50	14:16:59	CHIX	19028XJ9pbf
28 January 2019	GMT	154	1,458.50	14:16:59	CHIX	19028XJ9pbe
28 January 2019	GMT	43	1,458.50	14:16:59	XLON	19028XJ9pba

28 January 2019	GMT	33	1,458.50	14:16:59	XLON	19028XJ9pbd
28 January 2019	GMT	123	1,458.50	14:23:03	CHIX	19028XJ9qb4
28 January 2019	GMT	56	1,459.00	14:24:53	CHIX	19028XJ9qm9
28 January 2019	GMT	68	1,459.00	14:24:53	CHIX	19028XJ9qmd
28 January 2019	GMT	66	1,459.00	14:24:53	CHIX	19028XJ9qmg
28 January 2019	GMT	154	1,459.00	14:24:53	XLON	19028XJ9qmb
28 January 2019	GMT	19	1,459.00	14:24:53	XLON	19028XJ9qme
28 January 2019	GMT	118	1,458.50	14:24:55	CHIX	19028XJ9qms
28 January 2019	GMT	4	1,458.50	14:24:55	CHIX	19028XJ9qmt
28 January 2019	GMT	77	1,458.00	14:25:00	CHIX	19028XJ9qns
28 January 2019	GMT	49	1,458.00	14:25:00	CHIX	19028XJ9qnr
28 January 2019	GMT	123	1,458.00	14:25:00	CHIX	19028XJ9qnp
28 January 2019	GMT	153	1,458.00	14:25:00	XLON	19028XJ9qnq
28 January 2019	GMT	201	1,459.00	14:32:35	CHIX	19028XJ9s34
28 January 2019	GMT	41	1,459.00	14:32:35	CHIX	19028XJ9s33
28 January 2019	GMT	32	1,459.00	14:32:35	CHIX	19028XJ9s3b
28 January 2019	GMT	3	1,459.00	14:32:35	CHIX	19028XJ9s39
28 January 2019	GMT	119	1,459.00	14:32:35	CHIX	19028XJ9s38
28 January 2019	GMT	53	1,459.00	14:32:35	CHIX	19028XJ9s3f
28 January 2019	GMT	97	1,459.00	14:32:35	CHIX	19028XJ9s3e
28 January 2019	GMT	14	1,459.00	14:32:35	CHIX	19028XJ9s3g
28 January 2019	GMT	276	1,459.00	14:32:35	XLON	19028XJ9s36
28 January 2019	GMT	131	1,459.00	14:32:35	XLON	19028XJ9s35
28 January 2019	GMT	17	1,459.00	14:32:35	XLON	19028XJ9s3a
28 January 2019	GMT	2	1,459.00	14:32:35	XLON	19028XJ9s3c
28 January 2019	GMT	166	1,459.00	14:32:35	CHIX	19028XJ9s3d
28 January 2019	GMT	104	1,458.50	14:32:55	CHIX	19028XJ9s4z
28 January 2019	GMT	108	1,458.50	14:32:55	CHIX	19028XJ9s4x
28 January 2019	GMT	88	1,458.50	14:32:55	XLON	19028XJ9s4y
28 January 2019	GMT	390	1,458.50	14:32:55	XLON	19028XJ9s50

28 January 2019	GMT	181	1,458.50	14:32:55	CHIX	19028XJ9s51
28 January 2019	GMT	119	1,458.00	14:32:55	CHIX	19028XJ9s52
28 January 2019	GMT	203	1,457.50	14:32:55	XLON	19028XJ9s53
28 January 2019	GMT	150	1,457.50	14:32:55	CHIX	19028XJ9s54
28 January 2019	GMT	87	1,456.50	14:32:57	XLON	19028XJ9s5a
28 January 2019	GMT	219	1,456.50	14:32:57	XLON	19028XJ9s5b
28 January 2019	GMT	85	1,456.50	14:32:58	CHIX	19028XJ9s5h
28 January 2019	GMT	239	1,456.50	14:32:58	CHIX	19028XJ9s5i
28 January 2019	GMT	19	1,456.50	14:32:58	XLON	19028XJ9s5g
28 January 2019	GMT	1	1,455.50	14:32:58	XLON	19028XJ9s5j
28 January 2019	GMT	77	1,454.50	14:33:00	CHIX	19028XJ9s6a
28 January 2019	GMT	115	1,454.50	14:33:00	CHIX	19028XJ9s6b
28 January 2019	GMT	117	1,455.50	14:39:24	CHIX	19028XJ9tu1
28 January 2019	GMT	119	1,455.00	14:40:01	CHIX	19028XJ9tzw
28 January 2019	GMT	64	1,455.50	14:41:18	CHIX	19028XJ9uda
28 January 2019	GMT	115	1,455.50	14:41:18	CHIX	19028XJ9udb
28 January 2019	GMT	138	1,456.50	14:44:32	CHIX	19028XJ9v8i
28 January 2019	GMT	3	1,459.00	14:47:13	XLON	19028XJ9w6q
28 January 2019	GMT	202	1,458.50	14:47:32	XLON	19028XJ9wbh
28 January 2019	GMT	30	1,458.50	14:47:32	XLON	19028XJ9wbj
28 January 2019	GMT	9	1,458.50	14:47:32	XLON	19028XJ9wbn
28 January 2019	GMT	147	1,458.50	14:47:32	CHIX	19028XJ9wbi
28 January 2019	GMT	4	1,458.50	14:47:32	CHIX	19028XJ9wbk
28 January 2019	GMT	149	1,458.50	14:47:32	CHIX	19028XJ9wbl
28 January 2019	GMT	61	1,458.50	14:47:32	CHIX	19028XJ9wbm
28 January 2019	GMT	88	1,458.50	14:47:32	CHIX	19028XJ9wbo
28 January 2019	GMT	46	1,459.00	14:48:59	XLON	19028XJ9wmt
28 January 2019	GMT	120	1,459.00	14:48:59	CHIX	19028XJ9wmv
28 January 2019	GMT	108	1,459.00	14:48:59	CHIX	19028XJ9wmu
28 January 2019	GMT	47	1,459.00	14:48:59	XLON	19028XJ9wmw

28 January 2019	GMT	91	1,459.00	14:50:00	XLON	19028XJ9ww7
28 January 2019	GMT	108	1,459.00	14:50:00	CHIX	19028XJ9ww8
28 January 2019	GMT	103	1,459.00	14:50:00	CHIX	19028XJ9wwa
28 January 2019	GMT	39	1,458.50	14:50:00	CHIX	19028XJ9wwe
28 January 2019	GMT	108	1,458.50	14:50:00	CHIX	19028XJ9wwd
28 January 2019	GMT	101	1,458.50	14:50:00	XLON	19028XJ9wwb
28 January 2019	GMT	69	1,458.50	14:50:00	XLON	19028XJ9ww9
28 January 2019	GMT	13	1,458.50	14:50:01	XLON	19028XJ9www
28 January 2019	GMT	142	1,458.50	14:50:01	XLON	19028XJ9wx0
28 January 2019	GMT	50	1,458.50	14:50:01	XLON	19028XJ9wx4
28 January 2019	GMT	108	1,458.50	14:50:01	CHIX	19028XJ9wwwx
28 January 2019	GMT	4	1,458.50	14:50:01	CHIX	19028XJ9wx6
28 January 2019	GMT	106	1,458.50	14:50:01	CHIX	19028XJ9wx8
28 January 2019	GMT	142	1,458.50	14:50:01	CHIX	19028XJ9wxa
28 January 2019	GMT	54	1,458.50	14:50:01	CHIX	19028XJ9wxb
28 January 2019	GMT	209	1,458.00	14:50:03	CHIX	19028XJ9x0k
28 January 2019	GMT	284	1,458.00	14:50:03	XLON	19028XJ9x0l
28 January 2019	GMT	41	1,460.00	14:54:20	CHIX	19028XJ9y3h
28 January 2019	GMT	100	1,460.00	14:54:20	XLON	19028XJ9y3i
28 January 2019	GMT	49	1,460.00	14:54:20	CHIX	19028XJ9y3j
28 January 2019	GMT	41	1,460.50	14:54:20	CHIX	19028XJ9y3k
28 January 2019	GMT	59	1,460.00	14:54:23	CHIX	19028XJ9y3y
28 January 2019	GMT	114	1,459.50	14:54:31	XLON	19028XJ9y67
28 January 2019	GMT	108	1,459.50	14:54:31	CHIX	19028XJ9y68
28 January 2019	GMT	150	1,459.00	14:55:07	CHIX	19028XJ9ybm
28 January 2019	GMT	3	1,459.00	14:55:07	CHIX	19028XJ9ybo
28 January 2019	GMT	28	1,458.00	14:57:05	XLON	19028XJ9ytd
28 January 2019	GMT	28	1,459.00	15:00:01	CHIX	19028XJ9zkq
28 January 2019	GMT	108	1,459.00	15:00:01	CHIX	19028XJ9zkp
28 January 2019	GMT	80	1,459.00	15:00:01	CHIX	19028XJ9zks

28 January 2019	GMT	83	1,459.00	15:00:01	XLON	19028XJ9zkr
28 January 2019	GMT	125	1,459.00	15:00:01	XLON	19028XJ9zkt
28 January 2019	GMT	48	1,458.50	15:00:11	CHIX	19028XJ9zmw
28 January 2019	GMT	300	1,458.50	15:00:11	XLON	19028XJ9zmq
28 January 2019	GMT	172	1,458.50	15:00:11	CHIX	19028XJ9zn1
28 January 2019	GMT	12	1,458.00	15:00:14	CHIX	19028XJ9zp1
28 January 2019	GMT	128	1,458.00	15:00:14	CHIX	19028XJ9zp3
28 January 2019	GMT	66	1,458.00	15:00:14	CHIX	19028XJ9zp5
28 January 2019	GMT	142	1,458.00	15:00:14	XLON	19028XJ9zp4
28 January 2019	GMT	48	1,458.00	15:00:14	CHIX	19028XJ9zp6
28 January 2019	GMT	122	1,458.00	15:00:14	CHIX	19028XJ9zp2
28 January 2019	GMT	107	1,458.50	15:04:15	CHIX	19028XJa0t4
28 January 2019	GMT	101	1,458.50	15:04:15	CHIX	19028XJa0sx
28 January 2019	GMT	35	1,458.00	15:04:16	CHIX	19028XJa0ux
28 January 2019	GMT	108	1,458.00	15:04:16	CHIX	19028XJa0v0
28 January 2019	GMT	66	1,458.00	15:04:16	CHIX	19028XJa0uz
28 January 2019	GMT	72	1,458.00	15:04:16	XLON	19028XJa0v2
28 January 2019	GMT	150	1,458.50	15:06:32	XLON	19028XJa1e4
28 January 2019	GMT	120	1,458.50	15:06:32	CHIX	19028XJa1e5
28 January 2019	GMT	43	1,460.50	15:10:07	CHIX	19028XJa272
28 January 2019	GMT	61	1,460.50	15:10:07	XLON	19028XJa275
28 January 2019	GMT	175	1,460.50	15:10:07	XLON	19028XJa26z
28 January 2019	GMT	157	1,460.50	15:10:07	XLON	19028XJa277
28 January 2019	GMT	119	1,460.50	15:10:07	CHIX	19028XJa279
28 January 2019	GMT	130	1,460.50	15:10:07	CHIX	19028XJa274
28 January 2019	GMT	66	1,460.50	15:10:07	XLON	19028XJa27a
28 January 2019	GMT	99	1,460.50	15:11:35	CHIX	19028XJa2gm
28 January 2019	GMT	116	1,460.50	15:11:35	CHIX	19028XJa2gl
28 January 2019	GMT	125	1,460.50	15:11:35	CHIX	19028XJa2gq
28 January 2019	GMT	157	1,460.50	15:11:35	XLON	19028XJa2gp

28 January 2019	GMT	109	1,460.50	15:11:35	XLON	19028XJa2go
28 January 2019	GMT	153	1,460.00	15:11:35	XLON	19028XJa2gr
28 January 2019	GMT	123	1,460.00	15:11:35	CHIX	19028XJa2gs
28 January 2019	GMT	286	1,459.50	15:12:12	CHIX	19028XJa2j9
28 January 2019	GMT	108	1,459.50	15:12:12	CHIX	19028XJa2j8
28 January 2019	GMT	114	1,459.50	15:12:12	XLON	19028XJa2j7
28 January 2019	GMT	394	1,459.50	15:12:12	XLON	19028XJa2j6
28 January 2019	GMT	2	1,459.50	15:12:12	CHIX	19028XJa2ja
28 January 2019	GMT	118	1,456.50	15:14:48	CHIX	19028XJa357
28 January 2019	GMT	11	1,456.50	15:18:20	CHIX	19028XJa3q5
28 January 2019	GMT	88	1,459.00	15:21:11	CHIX	19028XJa4f6
28 January 2019	GMT	59	1,459.00	15:21:11	CHIX	19028XJa4f7
28 January 2019	GMT	148	1,459.00	15:21:52	XLON	19028XJa4k3
28 January 2019	GMT	59	1,459.00	15:21:52	CHIX	19028XJa4k4
28 January 2019	GMT	59	1,459.00	15:21:52	CHIX	19028XJa4k5
28 January 2019	GMT	68	1,460.00	15:23:00	CHIX	19028XJa4pw
28 January 2019	GMT	156	1,459.50	15:24:32	CHIX	19028XJa50p
28 January 2019	GMT	128	1,459.50	15:24:32	CHIX	19028XJa50g
28 January 2019	GMT	117	1,459.50	15:24:32	CHIX	19028XJa50f
28 January 2019	GMT	49	1,459.50	15:24:32	CHIX	19028XJa50s
28 January 2019	GMT	111	1,459.50	15:24:32	CHIX	19028XJa50n
28 January 2019	GMT	2	1,459.50	15:24:32	CHIX	19028XJa50j
28 January 2019	GMT	173	1,459.50	15:24:32	XLON	19028XJa50r
28 January 2019	GMT	5	1,459.50	15:24:32	XLON	19028XJa50v
28 January 2019	GMT	30	1,459.50	15:24:32	XLON	19028XJa50t
28 January 2019	GMT	139	1,459.50	15:24:32	CHIX	19028XJa50w
28 January 2019	GMT	147	1,459.00	15:25:25	XLON	19028XJa56a
28 January 2019	GMT	38	1,459.00	15:25:25	XLON	19028XJa56h
28 January 2019	GMT	34	1,459.00	15:25:25	XLON	19028XJa56i
28 January 2019	GMT	118	1,459.00	15:25:25	CHIX	19028XJa56e

28 January 2019	GMT	74	1,459.00	15:25:25	CHIX	19028XJa56j
28 January 2019	GMT	102	1,459.00	15:25:25	CHIX	19028XJa56b
28 January 2019	GMT	108	1,459.00	15:25:25	CHIX	19028XJa56l
28 January 2019	GMT	63	1,459.00	15:25:25	CHIX	19028XJa56k
28 January 2019	GMT	264	1,458.50	15:25:38	CHIX	19028XJa585
28 January 2019	GMT	137	1,458.50	15:25:38	CHIX	19028XJa584
28 January 2019	GMT	108	1,458.50	15:25:38	CHIX	19028XJa582
28 January 2019	GMT	361	1,458.50	15:25:38	XLON	19028XJa583
28 January 2019	GMT	75	1,458.50	15:25:38	XLON	19028XJa581
28 January 2019	GMT	67	1,458.00	15:25:38	XLON	19028XJa586
28 January 2019	GMT	115	1,459.50	15:30:38	CHIX	19028XJa623
28 January 2019	GMT	72	1,460.50	15:35:04	CHIX	19028XJa6uw
28 January 2019	GMT	165	1,461.50	15:36:26	CHIX	19028XJa72s
28 January 2019	GMT	137	1,461.50	15:36:26	CHIX	19028XJa72q
28 January 2019	GMT	162	1,461.50	15:36:26	CHIX	19028XJa72o
28 January 2019	GMT	6	1,461.50	15:36:26	XLON	19028XJa72y
28 January 2019	GMT	219	1,461.50	15:36:26	XLON	19028XJa72x
28 January 2019	GMT	186	1,461.50	15:36:26	XLON	19028XJa72u
28 January 2019	GMT	150	1,464.50	15:41:47	CHIX	19028XJa81e
28 January 2019	GMT	3	1,465.50	15:42:43	XLON	19028XJa860
28 January 2019	GMT	3	1,465.50	15:42:43	XLON	19028XJa85z
28 January 2019	GMT	41	1,465.00	15:43:04	CHIX	19028XJa88h
28 January 2019	GMT	79	1,465.00	15:43:04	CHIX	19028XJa88o
28 January 2019	GMT	123	1,465.00	15:43:04	CHIX	19028XJa88m
28 January 2019	GMT	159	1,465.00	15:43:04	CHIX	19028XJa88j
28 January 2019	GMT	214	1,465.00	15:43:04	CHIX	19028XJa88i
28 January 2019	GMT	154	1,465.00	15:43:04	XLON	19028XJa88p
28 January 2019	GMT	214	1,465.00	15:43:04	XLON	19028XJa88n
28 January 2019	GMT	13	1,465.00	15:43:04	XLON	19028XJa88l
28 January 2019	GMT	291	1,465.00	15:43:04	XLON	19028XJa88k

28 January 2019	GMT	2	1,465.50	15:43:04	BATE	19028XJa88r
28 January 2019	GMT	238	1,465.50	15:43:04	BATE	19028XJa88q
28 January 2019	GMT	82	1,464.50	15:43:11	CHIX	19028XJa899
28 January 2019	GMT	82	1,464.50	15:43:11	CHIX	19028XJa898
28 January 2019	GMT	134	1,464.50	15:43:11	CHIX	19028XJa89c
28 January 2019	GMT	337	1,464.50	15:43:11	CHIX	19028XJa89d
28 January 2019	GMT	182	1,464.50	15:43:11	XLON	19028XJa89a
28 January 2019	GMT	461	1,464.50	15:43:11	XLON	19028XJa89b
28 January 2019	GMT	35	1,464.00	15:43:11	CHIX	19028XJa89e
28 January 2019	GMT	162	1,464.00	15:43:11	CHIX	19028XJa89h
28 January 2019	GMT	95	1,464.00	15:43:11	CHIX	19028XJa89g
28 January 2019	GMT	128	1,464.00	15:43:11	CHIX	19028XJa89f
28 January 2019	GMT	222	1,464.00	15:43:11	XLON	19028XJa89i
28 January 2019	GMT	10	1,464.00	15:43:11	XLON	19028XJa89l
28 January 2019	GMT	7	1,464.00	15:43:11	XLON	19028XJa89k
28 January 2019	GMT	220	1,464.00	15:43:11	XLON	19028XJa89j
28 January 2019	GMT	114	1,461.50	15:49:16	CHIX	19028XJa89y
28 January 2019	GMT	75	1,461.50	15:50:03	CHIX	19028XJa89di
28 January 2019	GMT	9	1,461.00	15:50:23	CHIX	19028XJa89gw
28 January 2019	GMT	105	1,461.00	15:50:23	CHIX	19028XJa89gx
28 January 2019	GMT	123	1,460.50	15:50:27	CHIX	19028XJa89hb
28 January 2019	GMT	82	1,462.00	15:53:26	XLON	19028XJa89xx
28 January 2019	GMT	107	1,462.00	15:53:26	CHIX	19028XJa89xy
28 January 2019	GMT	52	1,463.00	15:55:28	XLON	19028XJa89abc
28 January 2019	GMT	29	1,463.50	15:56:17	CHIX	19028XJa89agi
28 January 2019	GMT	144	1,463.50	15:56:17	CHIX	19028XJa89gm
28 January 2019	GMT	116	1,463.50	15:56:17	CHIX	19028XJa89gl
28 January 2019	GMT	12	1,463.50	15:56:17	CHIX	19028XJa89gk
28 January 2019	GMT	41	1,463.50	15:56:17	CHIX	19028XJa89gj
28 January 2019	GMT	59	1,463.00	15:57:13	CHIX	19028XJa89g

28 January 2019	GMT	117	1,463.00	15:57:13	CHIX	19028XJaaln
28 January 2019	GMT	151	1,463.00	15:57:13	CHIX	19028XJaall
28 January 2019	GMT	94	1,463.00	15:57:13	CHIX	19028XJaalj
28 January 2019	GMT	48	1,463.00	15:57:13	CHIX	19028XJaali
28 January 2019	GMT	107	1,463.00	15:57:13	CHIX	19028XJaalf
28 January 2019	GMT	6	1,463.00	15:57:13	XLON	19028XJaalo
28 January 2019	GMT	1	1,463.00	15:57:13	XLON	19028XJaalm
28 January 2019	GMT	69	1,463.00	15:57:13	XLON	19028XJaalk
28 January 2019	GMT	123	1,463.00	15:57:13	XLON	19028XJaalh
28 January 2019	GMT	71	1,462.00	15:57:19	XLON	19028XJaam1
28 January 2019	GMT	90	1,462.00	15:57:19	XLON	19028XJaam3
28 January 2019	GMT	150	1,462.00	15:57:19	XLON	19028XJaam5
28 January 2019	GMT	120	1,462.00	15:57:19	CHIX	19028XJaam7
28 January 2019	GMT	128	1,462.00	15:57:19	CHIX	19028XJaam6
28 January 2019	GMT	114	1,463.00	16:01:38	XLON	19028XJabix
28 January 2019	GMT	78	1,463.00	16:01:38	XLON	19028XJabiy
28 January 2019	GMT	107	1,463.00	16:01:38	CHIX	19028XJabiz
28 January 2019	GMT	107	1,463.00	16:01:38	CHIX	19028XJabj0
28 January 2019	GMT	121	1,462.50	16:01:39	XLON	19028XJabj4
28 January 2019	GMT	43	1,462.50	16:01:39	CHIX	19028XJabj8
28 January 2019	GMT	107	1,462.50	16:01:39	CHIX	19028XJabjc
28 January 2019	GMT	425	1,462.00	16:01:56	XLON	19028XJabma
28 January 2019	GMT	312	1,462.00	16:01:56	CHIX	19028XJabmb
28 January 2019	GMT	192	1,461.50	16:02:04	CHIX	19028XJabmx
28 January 2019	GMT	110	1,461.50	16:02:04	CHIX	19028XJabmv
28 January 2019	GMT	262	1,461.50	16:02:04	XLON	19028XJabmy
28 January 2019	GMT	138	1,461.50	16:02:04	XLON	19028XJabmw
28 January 2019	GMT	123	1,460.00	16:02:04	CHIX	19028XJabmz
28 January 2019	GMT	55	1,460.50	16:03:20	BATE	19028XJabtq
28 January 2019	GMT	100	1,461.50	16:07:09	XLON	19028XJacg5

28 January 2019	GMT	107	1,461.50	16:07:09	CHIX	19028XJacg6
28 January 2019	GMT	156	1,461.50	16:07:09	CHIX	19028XJacg7
28 January 2019	GMT	37	1,461.00	16:07:12	XLON	19028XJacg8
28 January 2019	GMT	121	1,461.00	16:07:12	XLON	19028XJacg9
28 January 2019	GMT	122	1,461.00	16:07:12	CHIX	19028XJacgb
28 January 2019	GMT	127	1,461.00	16:07:12	CHIX	19028XJacga
28 January 2019	GMT	20	1,461.00	16:08:53	XLON	19028XJacpe
28 January 2019	GMT	305	1,461.50	16:10:30	CHIX	19028XJacxw
28 January 2019	GMT	396	1,461.50	16:10:30	XLON	19028XJacxx
28 January 2019	GMT	21	1,461.50	16:10:30	XLON	19028XJacxy
28 January 2019	GMT	138	1,462.50	16:11:27	CHIX	19028XJad3v
28 January 2019	GMT	143	1,462.50	16:11:27	CHIX	19028XJad3u
28 January 2019	GMT	128	1,462.00	16:11:27	CHIX	19028XJad3w
28 January 2019	GMT	10	1,462.00	16:13:34	CHIX	19028XJadf7
28 January 2019	GMT	392	1,462.00	16:13:34	XLON	19028XJadf8
28 January 2019	GMT	111	1,462.00	16:13:34	CHIX	19028XJadf9
28 January 2019	GMT	288	1,462.00	16:13:34	CHIX	19028XJadfa
28 January 2019	GMT	125	1,461.50	16:13:54	CHIX	19028XJadh5
28 January 2019	GMT	3	1,461.50	16:14:29	CHIX	19028XJadmj
28 January 2019	GMT	56	1,461.50	16:14:29	CHIX	19028XJadml
28 January 2019	GMT	61	1,461.50	16:14:29	CHIX	19028XJadmn
28 January 2019	GMT	251	1,461.50	16:14:29	CHIX	19028XJadmm
28 January 2019	GMT	341	1,461.50	16:14:29	XLON	19028XJadmo
28 January 2019	GMT	117	1,461.00	16:15:40	CHIX	19028XJadu2
28 January 2019	GMT	114	1,461.50	16:18:01	CHIX	19028XJaebh
28 January 2019	GMT	97	1,461.00	16:18:04	CHIX	19028XJaec6
28 January 2019	GMT	150	1,461.00	16:18:04	CHIX	19028XJaec7
28 January 2019	GMT	226	1,461.00	16:19:56	CHIX	19028XJaep2
28 January 2019	GMT	117	1,461.00	16:19:56	CHIX	19028XJaep1
28 January 2019	GMT	166	1,461.00	16:19:56	XLON	19028XJaep3

28 January 2019	GMT	142	1,461.00	16:19:56	XLON	19028XJaep4
28 January 2019	GMT	69	1,462.00	16:21:31	CHIX	19028XJaf1y
28 January 2019	GMT	154	1,462.00	16:21:57	CHIX	19028XJaf34
28 January 2019	GMT	381	1,461.50	16:22:11	XLON	19028XJaf4t
28 January 2019	GMT	102	1,461.50	16:22:11	CHIX	19028XJaf4u
28 January 2019	GMT	279	1,461.50	16:22:11	CHIX	19028XJaf4v
28 January 2019	GMT	52	1,461.50	16:22:11	CHIX	19028XJaf4w
28 January 2019	GMT	277	1,461.00	16:23:07	CHIX	19028XJafcq
28 January 2019	GMT	134	1,461.00	16:23:07	CHIX	19028XJafco
28 January 2019	GMT	399	1,461.00	16:23:07	XLON	19028XJafcp
28 January 2019	GMT	17	1,461.00	16:23:12	CHIX	19028XJafcw
28 January 2019	GMT	24	1,460.50	16:23:42	XLON	19028XJaff1
28 January 2019	GMT	140	1,460.00	16:24:12	XLON	19028XJafi3
28 January 2019	GMT	92	1,460.00	16:24:12	CHIX	19028XJafi4
28 January 2019	GMT	21	1,460.00	16:24:12	CHIX	19028XJafi6
28 January 2019	GMT	7	1,460.50	16:25:37	CHIX	19028XJafsm
28 January 2019	GMT	70	1,460.50	16:25:46	CHIX	19028XJaftx
28 January 2019	GMT	131	1,460.50	16:25:48	CHIX	19028XJaful
28 January 2019	GMT	88	1,460.00	16:25:48	CHIX	19028XJafum
28 January 2019	GMT	68	1,460.00	16:26:16	CHIX	19028XJafy0
28 January 2019	GMT	128	1,460.00	16:27:42	CHIX	19028XJag9m
28 January 2019	GMT	226	1,460.00	16:28:03	CHIX	19028XJagcg
28 January 2019	GMT	117	1,460.00	16:28:03	CHIX	19028XJagcf
28 January 2019	GMT	306	1,460.00	16:28:03	XLON	19028XJagch
28 January 2019	GMT	123	1,459.50	16:28:27	CHIX	19028XJagev
28 January 2019	GMT	117	1,459.50	16:28:27	CHIX	19028XJageu
28 January 2019	GMT	28	1,459.50	16:29:31	CHIX	19028XJagnt
28 January 2019	GMT	12	1,459.50	16:29:31	CHIX	19028XJagnu
28 January 2019	GMT	331	1,459.50	16:29:32	XLON	19028XJagnx
28 January 2019	GMT	204	1,459.50	16:29:32	CHIX	19028XJagnz



28 January 2019	EST	100	19.2	10:17:38	NYSE
28 January 2019	EST	100	19.25	10:21:11	NYSE
28 January 2019	EST	100	19.25	10:21:11	NYSE
28 January 2019	EST	100	19.25	10:21:11	NYSE
28 January 2019	EST	100	19.25	10:21:11	NYSE
28 January 2019	EST	100	19.25	10:21:11	NYSE
28 January 2019	EST	100	19.25	10:21:11	NYSE
28 January 2019	EST	100	19.25	10:21:11	NYSE
28 January 2019	EST	100	19.26	10:24:31	NYSE
28 January 2019	EST	100	19.26	10:24:31	NYSE
28 January 2019	EST	63	19.26	10:24:31	NYSE
28 January 2019	EST	100	19.26	10:24:31	NYSE
28 January 2019	EST	37	19.26	10:24:31	NYSE
28 January 2019	EST	100	19.26	10:24:31	NYSE
28 January 2019	EST	100	19.25	10:27:52	NYSE
28 January 2019	EST	100	19.265	10:30:38	NYSE
28 January 2019	EST	200	19.26	10:30:38	NYSE
28 January 2019	EST	200	19.26	10:30:38	NYSE
28 January 2019	EST	100	19.26	10:34:00	NYSE
28 January 2019	EST	300	19.26	10:34:00	NYSE
28 January 2019	EST	100	19.26	10:34:00	NYSE
28 January 2019	EST	100	19.26	10:34:00	NYSE
28 January 2019	EST	400	19.27	10:36:25	NYSE
28 January 2019	EST	300	19.27	10:37:55	NYSE
28 January 2019	EST	200	19.28	10:39:54	NYSE
28 January 2019	EST	100	19.28	10:39:54	NYSE
28 January 2019	EST	100	19.32	10:43:10	NYSE
28 January 2019	EST	176	19.32	10:43:10	NYSE
28 January 2019	EST	200	19.32	10:43:10	NYSE
28 January 2019	EST	24	19.32	10:43:10	NYSE
28 January 2019	EST	100	19.31	10:43:27	NYSE
28 January 2019	EST	200	19.31	10:43:27	NYSE
28 January 2019	EST	100	19.28	10:49:54	NYSE
28 January 2019	EST	100	19.28	10:49:54	NYSE
28 January 2019	EST	100	19.28	10:49:54	NYSE
28 January 2019	EST	200	19.27	10:50:03	NYSE
28 January 2019	EST	200	19.265	10:53:47	NYSE
28 January 2019	EST	100	19.285	10:57:13	NYSE
28 January 2019	EST	200	19.275	10:57:16	NYSE
28 January 2019	EST	100	19.26	10:59:12	NYSE
28 January 2019	EST	100	19.26	10:59:12	NYSE
28 January 2019	EST	400	19.26	10:59:12	NYSE
28 January 2019	EST	100	19.26	10:59:12	NYSE
28 January 2019	EST	200	19.27	11:01:28	NYSE
28 January 2019	EST	200	19.27	11:01:28	NYSE
28 January 2019	EST	200	19.26	11:01:40	NYSE
28 January 2019	EST	100	19.26	11:01:52	NYSE
28 January 2019	EST	200	19.23	11:07:16	NYSE
28 January 2019	EST	100	19.23	11:07:16	NYSE
28 January 2019	EST	100	19.25	11:09:24	NYSE
28 January 2019	EST	100	19.25	11:09:24	NYSE
28 January 2019	EST	100	19.25	11:09:24	NYSE
28 January 2019	EST	100	19.25	11:09:24	NYSE
28 January 2019	EST	100	19.26	11:11:00	NYSE

28 January 2019	EST	100	19.27	11:11:17	NYSE
28 January 2019	EST	100	19.27	11:11:17	NYSE
28 January 2019	EST	100	19.27	11:11:17	NYSE
28 January 2019	EST	100	19.25	11:12:27	NYSE
28 January 2019	EST	100	19.25	11:12:56	NYSE
28 January 2019	EST	100	19.25	11:12:56	NYSE
28 January 2019	EST	100	19.25	11:12:56	NYSE
28 January 2019	EST	100	19.25	11:14:07	NYSE
28 January 2019	EST	26	19.25	11:14:07	NYSE
28 January 2019	EST	74	19.25	11:14:07	NYSE
28 January 2019	EST	100	19.25	11:15:12	NYSE
28 January 2019	EST	100	19.25	11:15:12	NYSE
28 January 2019	EST	100	19.25	11:15:40	NYSE
28 January 2019	EST	100	19.25	11:15:40	NYSE
28 January 2019	EST	100	19.25	11:16:57	NYSE
28 January 2019	EST	100	19.25	11:16:57	NYSE
28 January 2019	EST	100	19.25	11:16:57	NYSE
28 January 2019	EST	100	19.25	11:16:57	NYSE
28 January 2019	EST	100	19.25	11:18:22	NYSE
28 January 2019	EST	100	19.25	11:18:22	NYSE
28 January 2019	EST	100	19.25	11:19:00	NYSE
28 January 2019	EST	100	19.26	11:19:25	NYSE
28 January 2019	EST	100	19.26	11:19:25	NYSE
28 January 2019	EST	100	19.26	11:19:25	NYSE
28 January 2019	EST	100	19.26	11:19:47	NYSE
28 January 2019	EST	81	19.26	11:19:47	NYSE