

## Transaction in Own Shares

18 January 2019

Micro Focus International plc (the "**Company**") announces that on 17 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	14.9225	41,756
CHIX	14.9157	45,034
BATE	14.9364	159

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
17 January 2019	GMT	2	1,492.00	08:00:30	BATE	19017XJtv08
17 January 2019	GMT	3	1,492.00	08:00:32	BATE	19017XJtv0o
17 January 2019	GMT	97	1,495.00	08:03:33	XLON	19017XJtvhn
17 January 2019	GMT	79	1,497.00	08:04:20	XLON	19017XJtvll
17 January 2019	GMT	105	1,497.00	08:04:20	CHIX	19017XJtvIm
17 January 2019	GMT	128	1,496.50	08:05:23	CHIX	19017XJtvrr
17 January 2019	GMT	96	1,499.00	08:07:08	CHIX	19017XJtv5j
17 January 2019	GMT	83	1,500.50	08:10:06	CHIX	19017XJtwkj
17 January 2019	GMT	117	1,500.50	08:10:29	CHIX	19017XJtwn4
17 January 2019	GMT	54	1,500.50	08:10:29	CHIX	19017XJtwn5
17 January 2019	GMT	61	1,500.50	08:10:29	CHIX	19017XJtwn6
17 January 2019	GMT	131	1,500.00	08:10:29	CHIX	19017XJtwn7
17 January 2019	GMT	129	1,500.00	08:10:29	XLON	19017XJtwn8
17 January 2019	GMT	117	1,505.50	08:12:02	CHIX	19017XJtwv8
17 January 2019	GMT	105	1,505.50	08:12:02	CHIX	19017XJtwv9
17 January 2019	GMT	182	1,502.50	08:12:35	XLON	19017XJtwxh
17 January 2019	GMT	131	1,502.50	08:12:35	CHIX	19017XJtwxi
17 January 2019	GMT	162	1,500.00	08:15:04	XLON	19017XJtx3x
17 January 2019	GMT	120	1,500.00	08:15:04	CHIX	19017XJtx3z
17 January 2019	GMT	125	1,500.00	08:15:04	CHIX	19017XJtx3y
17 January 2019	GMT	87	1,497.50	08:15:38	CHIX	19017XJtx6n
17 January 2019	GMT	25	1,497.50	08:15:38	CHIX	19017XJtx6p
17 January 2019	GMT	125	1,496.50	08:17:28	CHIX	19017XJtxe2

17 January 2019	GMT	86	1,496.50	08:17:28	CHIX	19017XJtxe1
17 January 2019	GMT	117	1,496.50	08:21:02	CHIX	19017XJtxry
17 January 2019	GMT	138	1,496.50	08:21:02	CHIX	19017XJtxrx
17 January 2019	GMT	119	1,496.00	08:21:02	CHIX	19017XJtxrz
17 January 2019	GMT	122	1,495.50	08:21:02	CHIX	19017XJtxs0
17 January 2019	GMT	117	1,495.50	08:21:02	CHIX	19017XJtxs1
17 January 2019	GMT	98	1,495.50	08:24:46	XLON	19017XJty85
17 January 2019	GMT	105	1,495.50	08:24:46	CHIX	19017XJty86
17 January 2019	GMT	64	1,495.00	08:25:29	XLON	19017XJtyb1
17 January 2019	GMT	149	1,494.50	08:25:54	CHIX	19017XJtycb
17 January 2019	GMT	68	1,494.00	08:25:54	CHIX	19017XJtycc
17 January 2019	GMT	52	1,494.00	08:25:54	CHIX	19017XJtycd
17 January 2019	GMT	105	1,493.00	08:27:57	CHIX	19017XJtykw
17 January 2019	GMT	63	1,493.00	08:27:57	CHIX	19017XJtyku
17 January 2019	GMT	71	1,493.00	08:27:57	XLON	19017XJtykv
17 January 2019	GMT	74	1,492.00	08:28:05	XLON	19017XJtyld
17 January 2019	GMT	105	1,492.00	08:28:05	CHIX	19017XJtyle
17 January 2019	GMT	115	1,492.00	08:29:51	CHIX	19017XJtysw
17 January 2019	GMT	29	1,492.00	08:29:51	CHIX	19017XJtysx
17 January 2019	GMT	105	1,492.00	08:29:51	CHIX	19017XJtysy
17 January 2019	GMT	116	1,492.00	08:31:00	CHIX	19017XJtyxj
17 January 2019	GMT	14	1,492.00	08:31:00	CHIX	19017XJtyxi
17 January 2019	GMT	43	1,492.00	08:31:00	CHIX	19017XJtyxk
17 January 2019	GMT	65	1,492.00	08:31:00	CHIX	19017XJtyxl
17 January 2019	GMT	134	1,491.00	08:31:55	CHIX	19017XJtz1k
17 January 2019	GMT	120	1,491.00	08:34:11	CHIX	19017XJtzbv
17 January 2019	GMT	48	1,494.00	08:44:39	CHIX	19017XJu1bp
17 January 2019	GMT	122	1,496.50	08:47:20	CHIX	19017XJu1od
17 January 2019	GMT	122	1,496.50	08:47:20	CHIX	19017XJu1oe
17 January 2019	GMT	97	1,497.00	08:48:26	XLON	19017XJu1tu

17 January 2019	GMT	105	1,497.00	08:48:26	CHIX	19017XJu1tv
17 January 2019	GMT	228	1,497.00	08:50:31	XLON	19017XJu21g
17 January 2019	GMT	41	1,497.00	08:50:31	CHIX	19017XJu21h
17 January 2019	GMT	162	1,497.00	08:50:31	CHIX	19017XJu21i
17 January 2019	GMT	24	1,504.50	08:56:08	XLON	19017XJu2to
17 January 2019	GMT	145	1,505.00	08:57:46	CHIX	19017XJu330
17 January 2019	GMT	145	1,505.00	08:57:46	CHIX	19017XJu32z
17 January 2019	GMT	20	1,504.50	08:57:46	CHIX	19017XJu331
17 January 2019	GMT	36	1,505.00	08:57:46	XLON	19017XJu336
17 January 2019	GMT	36	1,505.00	08:57:46	XLON	19017XJu337
17 January 2019	GMT	203	1,505.00	08:57:46	XLON	19017XJu332
17 January 2019	GMT	203	1,505.00	08:57:46	XLON	19017XJu333
17 January 2019	GMT	28	1,504.50	08:57:46	CHIX	19017XJu335
17 January 2019	GMT	48	1,504.50	08:57:46	CHIX	19017XJu334
17 January 2019	GMT	436	1,504.00	08:57:46	XLON	19017XJu338
17 January 2019	GMT	324	1,504.00	08:57:46	XLON	19017XJu339
17 January 2019	GMT	231	1,504.00	08:57:46	CHIX	19017XJu33a
17 January 2019	GMT	309	1,504.00	08:57:46	CHIX	19017XJu33c
17 January 2019	GMT	5	1,501.00	08:58:16	CHIX	19017XJu36e
17 January 2019	GMT	100	1,501.00	08:58:26	CHIX	19017XJu36m
17 January 2019	GMT	39	1,501.00	08:58:26	CHIX	19017XJu36n
17 January 2019	GMT	99	1,501.00	08:58:26	XLON	19017XJu36l
17 January 2019	GMT	84	1,501.00	08:58:26	CHIX	19017XJu36o
17 January 2019	GMT	161	1,500.00	08:58:32	XLON	19017XJu374
17 January 2019	GMT	117	1,501.50	09:03:20	CHIX	19017XJu3xg
17 January 2019	GMT	37	1,500.00	09:03:50	XLON	19017XJu409
17 January 2019	GMT	142	1,500.00	09:03:50	CHIX	19017XJu40a
17 January 2019	GMT	133	1,500.00	09:03:50	CHIX	19017XJu40b
17 January 2019	GMT	118	1,501.50	09:09:38	CHIX	19017XJu4nh
17 January 2019	GMT	105	1,501.00	09:09:38	CHIX	19017XJu4nj

17 January 2019	GMT	105	1,501.00	09:09:38	XLON	19017XJu4nk
17 January 2019	GMT	35	1,500.00	09:10:07	CHIX	19017XJu4qy
17 January 2019	GMT	41	1,500.00	09:10:33	CHIX	19017XJu4su
17 January 2019	GMT	45	1,500.00	09:10:33	CHIX	19017XJu4sv
17 January 2019	GMT	127	1,499.50	09:12:16	CHIX	19017XJu51x
17 January 2019	GMT	265	1,501.50	09:17:55	XLON	19017XJu5vi
17 January 2019	GMT	159	1,501.50	09:17:55	CHIX	19017XJu5vk
17 January 2019	GMT	106	1,501.50	09:17:55	CHIX	19017XJu5vj
17 January 2019	GMT	30	1,501.50	09:17:55	CHIX	19017XJu5vl
17 January 2019	GMT	100	1,499.50	09:18:34	CHIX	19017XJu5zo
17 January 2019	GMT	52	1,499.50	09:18:34	CHIX	19017XJu5zp
17 January 2019	GMT	214	1,499.50	09:18:34	XLON	19017XJu5zn
17 January 2019	GMT	252	1,498.50	09:19:47	XLON	19017XJu65s
17 January 2019	GMT	124	1,498.50	09:19:47	CHIX	19017XJu65t
17 January 2019	GMT	127	1,498.50	09:19:47	CHIX	19017XJu65u
17 January 2019	GMT	180	1,498.50	09:19:47	CHIX	19017XJu65v
17 January 2019	GMT	122	1,498.50	09:20:47	CHIX	19017XJu68w
17 January 2019	GMT	76	1,498.00	09:20:47	CHIX	19017XJu68x
17 January 2019	GMT	15	1,498.00	09:20:47	CHIX	19017XJu68y
17 January 2019	GMT	118	1,498.00	09:20:52	CHIX	19017XJu69l
17 January 2019	GMT	12	1,499.00	09:32:55	XLON	19017XJu7p6
17 January 2019	GMT	140	1,499.00	09:32:55	XLON	19017XJu7p7
17 January 2019	GMT	109	1,499.00	09:32:55	CHIX	19017XJu7p8
17 January 2019	GMT	102	1,498.50	09:32:55	CHIX	19017XJu7pa
17 January 2019	GMT	107	1,498.50	09:32:55	CHIX	19017XJu7p9
17 January 2019	GMT	106	1,498.50	09:32:55	XLON	19017XJu7pb
17 January 2019	GMT	128	1,497.50	09:34:37	CHIX	19017XJu7xf
17 January 2019	GMT	348	1,502.00	09:41:50	XLON	19017XJu91a
17 January 2019	GMT	207	1,502.00	09:41:50	CHIX	19017XJu91d
17 January 2019	GMT	41	1,502.00	09:41:50	CHIX	19017XJu91f

17 January 2019	GMT	181	1,501.50	09:41:50	CHIX	19017XJu91j
17 January 2019	GMT	252	1,501.50	09:41:50	XLON	19017XJu91h
17 January 2019	GMT	328	1,501.00	09:41:52	XLON	19017XJu93s
17 January 2019	GMT	235	1,501.00	09:41:52	CHIX	19017XJu93u
17 January 2019	GMT	56	1,500.50	09:41:52	CHIX	19017XJu93v
17 January 2019	GMT	124	1,500.00	09:41:56	CHIX	19017XJu954
17 January 2019	GMT	106	1,497.00	09:44:28	CHIX	19017XJua1z
17 January 2019	GMT	125	1,498.50	09:53:37	CHIX	19017XJuboo
17 January 2019	GMT	175	1,498.50	09:53:37	XLON	19017XJuboq
17 January 2019	GMT	121	1,498.00	09:53:37	CHIX	19017XJubos
17 January 2019	GMT	122	1,498.00	09:53:37	CHIX	19017XJubou
17 January 2019	GMT	157	1,498.00	09:53:37	XLON	19017XJubov
17 January 2019	GMT	79	1,497.00	09:53:41	CHIX	19017XJubps
17 January 2019	GMT	12	1,496.00	09:53:41	XLON	19017XJubpt
17 January 2019	GMT	80	1,495.00	09:53:41	CHIX	19017XJubpu
17 January 2019	GMT	115	1,485.00	09:54:17	CHIX	19017XJubu1
17 January 2019	GMT	114	1,493.50	09:56:41	CHIX	19017XJucep
17 January 2019	GMT	115	1,491.50	09:59:54	CHIX	19017XJud3m
17 January 2019	GMT	123	1,490.50	10:01:07	CHIX	19017XJudci
17 January 2019	GMT	41	1,491.00	10:06:09	CHIX	19017XJue6a
17 January 2019	GMT	64	1,491.00	10:06:09	CHIX	19017XJue6c
17 January 2019	GMT	105	1,491.00	10:06:09	CHIX	19017XJue6d
17 January 2019	GMT	92	1,491.00	10:06:09	XLON	19017XJue6f
17 January 2019	GMT	84	1,491.00	10:06:09	XLON	19017XJue6e
17 January 2019	GMT	119	1,490.50	10:06:09	CHIX	19017XJue6b
17 January 2019	GMT	120	1,490.00	10:07:39	CHIX	19017XJuect
17 January 2019	GMT	25	1,490.00	10:07:39	CHIX	19017XJuecs
17 January 2019	GMT	128	1,490.00	10:07:39	CHIX	19017XJuecu
17 January 2019	GMT	116	1,489.50	10:07:39	CHIX	19017XJuecv
17 January 2019	GMT	116	1,489.50	10:07:39	CHIX	19017XJuecw

17 January 2019	GMT	90	1,489.00	10:07:39	CHIX	19017XJuecx
17 January 2019	GMT	34	1,489.00	10:07:39	CHIX	19017XJuecy
17 January 2019	GMT	94	1,486.00	10:14:47	CHIX	19017XJufbi
17 January 2019	GMT	28	1,486.00	10:14:47	CHIX	19017XJufbk
17 January 2019	GMT	122	1,485.50	10:14:47	CHIX	19017XJufbj
17 January 2019	GMT	73	1,485.50	10:14:47	CHIX	19017XJufbl
17 January 2019	GMT	47	1,485.50	10:14:47	CHIX	19017XJufbm
17 January 2019	GMT	156	1,491.50	10:27:51	XLON	19017XJuh4l
17 January 2019	GMT	148	1,491.50	10:27:51	XLON	19017XJuh4m
17 January 2019	GMT	217	1,491.50	10:27:51	XLON	19017XJuh4p
17 January 2019	GMT	120	1,491.50	10:27:51	CHIX	19017XJuh4r
17 January 2019	GMT	154	1,491.50	10:27:51	CHIX	19017XJuh4t
17 January 2019	GMT	115	1,491.50	10:27:51	CHIX	19017XJuh4n
17 January 2019	GMT	89	1,491.50	10:27:51	CHIX	19017XJuh4u
17 January 2019	GMT	115	1,491.00	10:27:51	XLON	19017XJuh4s
17 January 2019	GMT	148	1,491.00	10:27:51	XLON	19017XJuh4o
17 January 2019	GMT	104	1,491.00	10:27:51	CHIX	19017XJuh4z
17 January 2019	GMT	51	1,491.00	10:27:51	CHIX	19017XJuh4y
17 January 2019	GMT	115	1,491.00	10:27:51	CHIX	19017XJuh4q
17 January 2019	GMT	105	1,491.00	10:27:51	CHIX	19017XJuh4v
17 January 2019	GMT	91	1,491.00	10:27:51	CHIX	19017XJuh4x
17 January 2019	GMT	159	1,491.00	10:27:51	CHIX	19017XJuh4w
17 January 2019	GMT	153	1,490.50	10:27:52	XLON	19017XJuh50
17 January 2019	GMT	107	1,490.50	10:27:52	CHIX	19017XJuh55
17 January 2019	GMT	119	1,490.50	10:27:52	CHIX	19017XJuh54
17 January 2019	GMT	45	1,490.50	10:27:52	CHIX	19017XJuh56
17 January 2019	GMT	104	1,490.50	10:27:52	CHIX	19017XJuh51
17 January 2019	GMT	94	1,490.00	10:27:52	XLON	19017XJuh53
17 January 2019	GMT	23	1,490.00	10:27:52	XLON	19017XJuh52
17 January 2019	GMT	105	1,490.00	10:27:52	CHIX	19017XJuh57

17 January 2019	GMT	81	1,490.00	10:27:52	CHIX	19017XJuh58
17 January 2019	GMT	85	1,488.50	10:40:55	CHIX	19017XJuifd
17 January 2019	GMT	124	1,488.00	10:46:29	CHIX	19017XJuj3c
17 January 2019	GMT	124	1,488.00	10:46:29	CHIX	19017XJuj3d
17 January 2019	GMT	90	1,487.00	10:46:37	XLON	19017XJuj3l
17 January 2019	GMT	78	1,487.00	10:46:37	CHIX	19017XJuj3n
17 January 2019	GMT	106	1,487.00	10:46:37	CHIX	19017XJuj3m
17 January 2019	GMT	124	1,486.00	10:48:13	CHIX	19017XJuj8m
17 January 2019	GMT	139	1,488.50	10:54:29	CHIX	19017XJujqu
17 January 2019	GMT	81	1,488.50	10:54:29	CHIX	19017XJujqv
17 January 2019	GMT	13	1,487.00	10:58:10	CHIX	19017XJuk0p
17 January 2019	GMT	5	1,487.00	10:58:10	CHIX	19017XJuk0q
17 January 2019	GMT	148	1,490.00	11:03:49	XLON	19017XJukra
17 January 2019	GMT	115	1,490.00	11:03:49	CHIX	19017XJukrb
17 January 2019	GMT	105	1,489.50	11:04:23	CHIX	19017XJuktx
17 January 2019	GMT	105	1,489.50	11:04:23	CHIX	19017XJukts
17 January 2019	GMT	105	1,489.50	11:04:23	CHIX	19017XJuktt
17 January 2019	GMT	115	1,489.50	11:04:23	XLON	19017XJuktv
17 January 2019	GMT	105	1,489.50	11:04:23	XLON	19017XJuktu
17 January 2019	GMT	16	1,489.50	11:04:23	XLON	19017XJuktw
17 January 2019	GMT	102	1,489.50	11:04:23	XLON	19017XJukty
17 January 2019	GMT	14	1,489.50	11:04:23	XLON	19017XJuktz
17 January 2019	GMT	14	1,489.50	11:04:23	XLON	19017XJuku0
17 January 2019	GMT	63	1,488.50	11:07:04	CHIX	19017XJul54
17 January 2019	GMT	115	1,489.00	11:10:45	CHIX	19017XJulfm
17 January 2019	GMT	148	1,489.00	11:10:45	XLON	19017XJulfl
17 January 2019	GMT	109	1,488.50	11:12:02	CHIX	19017XJuli6
17 January 2019	GMT	112	1,490.00	11:17:12	XLON	19017XJulw3
17 January 2019	GMT	63	1,490.00	11:17:12	CHIX	19017XJulw4
17 January 2019	GMT	42	1,490.00	11:17:12	CHIX	19017XJulw5

17 January 2019	GMT	23	1,489.50	11:19:03	XLON	19017XJulzl
17 January 2019	GMT	208	1,489.50	11:19:03	XLON	19017XJulzk
17 January 2019	GMT	48	1,489.50	11:19:03	CHIX	19017XJulzn
17 January 2019	GMT	149	1,489.50	11:19:03	CHIX	19017XJulzm
17 January 2019	GMT	256	1,489.00	11:21:24	XLON	19017XJum9b
17 January 2019	GMT	183	1,489.00	11:21:24	CHIX	19017XJum9c
17 January 2019	GMT	119	1,488.50	11:21:24	CHIX	19017XJum9d
17 January 2019	GMT	110	1,490.00	11:28:11	CHIX	19017XJumwc
17 January 2019	GMT	143	1,490.00	11:28:11	XLON	19017XJumwd
17 January 2019	GMT	50	1,489.50	11:28:18	XLON	19017XJumy1
17 January 2019	GMT	21	1,489.50	11:28:18	XLON	19017XJumy2
17 January 2019	GMT	105	1,489.50	11:28:18	CHIX	19017XJumy3
17 January 2019	GMT	117	1,488.00	11:28:36	CHIX	19017XJun2v
17 January 2019	GMT	223	1,488.00	11:28:36	CHIX	19017XJun2u
17 January 2019	GMT	71	1,488.00	11:28:36	XLON	19017XJun2w
17 January 2019	GMT	207	1,488.00	11:28:36	XLON	19017XJun2x
17 January 2019	GMT	34	1,488.00	11:28:36	XLON	19017XJun2y
17 January 2019	GMT	122	1,487.50	11:33:06	CHIX	19017XJunj5
17 January 2019	GMT	102	1,487.50	11:40:03	CHIX	19017XJuo28
17 January 2019	GMT	40	1,487.00	11:40:12	XLON	19017XJuo2r
17 January 2019	GMT	48	1,487.00	11:40:12	XLON	19017XJuo2s
17 January 2019	GMT	106	1,487.00	11:40:12	CHIX	19017XJuo2u
17 January 2019	GMT	124	1,486.50	11:40:12	CHIX	19017XJuo2t
17 January 2019	GMT	115	1,486.00	11:44:06	CHIX	19017XJuoh1
17 January 2019	GMT	142	1,486.00	11:44:06	CHIX	19017XJuoh2
17 January 2019	GMT	2	1,487.50	11:55:31	XLON	19017XJupg5
17 January 2019	GMT	156	1,487.50	11:55:31	XLON	19017XJupg2
17 January 2019	GMT	120	1,487.50	11:55:31	CHIX	19017XJupg0
17 January 2019	GMT	45	1,487.00	11:55:31	CHIX	19017XJupg4
17 January 2019	GMT	255	1,487.00	11:55:31	XLON	19017XJupg6

17 January 2019	GMT	129	1,487.00	11:55:31	XLON	19017XJupg1
17 January 2019	GMT	136	1,487.00	11:55:31	CHIX	19017XJupg7
17 January 2019	GMT	142	1,487.00	11:55:31	CHIX	19017XJupg8
17 January 2019	GMT	106	1,487.00	11:55:31	CHIX	19017XJupg3
17 January 2019	GMT	54	1,490.00	12:11:50	CHIX	19017XJur3w
17 January 2019	GMT	130	1,490.00	12:11:50	CHIX	19017XJur3y
17 January 2019	GMT	182	1,490.00	12:11:50	XLON	19017XJur3x
17 January 2019	GMT	157	1,489.50	12:11:50	XLON	19017XJur41
17 January 2019	GMT	300	1,489.50	12:11:50	XLON	19017XJur43
17 January 2019	GMT	121	1,489.50	12:11:50	CHIX	19017XJur3z
17 January 2019	GMT	185	1,489.50	12:11:50	CHIX	19017XJur40
17 January 2019	GMT	29	1,489.50	12:11:50	CHIX	19017XJur42
17 January 2019	GMT	82	1,489.00	12:12:30	CHIX	19017XJur64
17 January 2019	GMT	82	1,489.00	12:12:30	CHIX	19017XJur63
17 January 2019	GMT	108	1,489.00	12:12:30	CHIX	19017XJur66
17 January 2019	GMT	98	1,489.00	12:12:30	CHIX	19017XJur65
17 January 2019	GMT	117	1,487.50	12:14:37	CHIX	19017XJurd0
17 January 2019	GMT	121	1,487.00	12:15:12	CHIX	19017XJurg1
17 January 2019	GMT	117	1,484.50	12:20:13	CHIX	19017XJus43
17 January 2019	GMT	106	1,484.50	12:20:13	CHIX	19017XJus44
17 January 2019	GMT	106	1,484.50	12:20:13	XLON	19017XJus45
17 January 2019	GMT	46	1,483.50	12:20:13	CHIX	19017XJus46
17 January 2019	GMT	79	1,483.50	12:20:14	CHIX	19017XJus47
17 January 2019	GMT	59	1,483.50	12:20:14	CHIX	19017XJus49
17 January 2019	GMT	55	1,483.50	12:20:14	CHIX	19017XJus48
17 January 2019	GMT	106	1,482.00	12:28:03	CHIX	19017XJusrm
17 January 2019	GMT	86	1,482.00	12:28:03	XLON	19017XJusro
17 January 2019	GMT	139	1,481.50	12:28:03	CHIX	19017XJusrr
17 January 2019	GMT	118	1,481.50	12:32:07	CHIX	19017XJut8c
17 January 2019	GMT	115	1,481.00	12:32:23	CHIX	19017XJut8t

17 January 2019	GMT	100	1,481.00	12:32:23	CHIX	19017XJut8u
17 January 2019	GMT	127	1,482.00	12:36:57	CHIX	19017XJutkf
17 January 2019	GMT	121	1,481.00	12:40:51	CHIX	19017XJutu9
17 January 2019	GMT	114	1,481.00	12:40:51	CHIX	19017XJutu8
17 January 2019	GMT	54	1,482.00	12:47:17	BATE	19017XJuufd
17 January 2019	GMT	264	1,481.50	12:48:24	CHIX	19017XJuuil
17 January 2019	GMT	334	1,481.50	12:48:24	XLON	19017XJuuum
17 January 2019	GMT	37	1,481.50	12:48:24	XLON	19017XJuuin
17 January 2019	GMT	15	1,481.00	12:48:38	XLON	19017XJuuj9
17 January 2019	GMT	124	1,481.00	12:48:38	CHIX	19017XJuuja
17 January 2019	GMT	120	1,480.50	12:48:38	XLON	19017XJuujb
17 January 2019	GMT	106	1,480.50	12:48:38	CHIX	19017XJuujc
17 January 2019	GMT	117	1,480.00	12:48:38	CHIX	19017XJuujd
17 January 2019	GMT	117	1,479.50	12:48:41	CHIX	19017XJuujf
17 January 2019	GMT	115	1,481.00	12:57:37	CHIX	19017XJuvf9
17 January 2019	GMT	116	1,482.00	13:03:00	CHIX	19017XJuw14
17 January 2019	GMT	1	1,482.00	13:03:00	CHIX	19017XJuw15
17 January 2019	GMT	152	1,482.00	13:03:00	XLON	19017XJuw13
17 January 2019	GMT	159	1,481.50	13:03:00	CHIX	19017XJuw16
17 January 2019	GMT	313	1,482.00	13:05:08	XLON	19017XJuwb7
17 January 2019	GMT	223	1,482.00	13:05:08	CHIX	19017XJuwb8
17 January 2019	GMT	106	1,481.00	13:05:26	CHIX	19017XJuwc4
17 January 2019	GMT	117	1,481.00	13:05:26	XLON	19017XJuwc7
17 January 2019	GMT	106	1,480.50	13:05:26	CHIX	19017XJuwc6
17 January 2019	GMT	81	1,480.50	13:05:26	XLON	19017XJuwc9
17 January 2019	GMT	106	1,481.00	13:16:43	CHIX	19017XJuxqu
17 January 2019	GMT	112	1,481.00	13:16:43	XLON	19017XJuxqt
17 January 2019	GMT	88	1,480.50	13:16:44	XLON	19017XJuxqv
17 January 2019	GMT	106	1,480.50	13:16:44	CHIX	19017XJuxqw
17 January 2019	GMT	165	1,480.50	13:16:44	CHIX	19017XJuxqx

17 January 2019	GMT	76	1,480.00	13:16:44	XLON	19017XJuxqy
17 January 2019	GMT	106	1,480.00	13:16:44	CHIX	19017XJuxqz
17 January 2019	GMT	3	1,479.50	13:19:55	CHIX	19017XJuyr4
17 January 2019	GMT	30	1,482.00	13:28:40	XLON	19017XJuzyu
17 January 2019	GMT	205	1,482.00	13:28:40	XLON	19017XJuzyt
17 January 2019	GMT	62	1,482.00	13:28:40	CHIX	19017XJuzyw
17 January 2019	GMT	147	1,482.00	13:28:40	CHIX	19017XJuzyv
17 January 2019	GMT	51	1,482.00	13:28:40	CHIX	19017XJuzyx
17 January 2019	GMT	46	1,485.00	13:33:24	CHIX	19017XJv0ng
17 January 2019	GMT	106	1,485.00	13:38:36	CHIX	19017XJv1em
17 January 2019	GMT	110	1,486.00	13:39:51	CHIX	19017XJv1ji
17 January 2019	GMT	61	1,486.00	13:39:51	XLON	19017XJv1jh
17 January 2019	GMT	106	1,485.50	13:39:52	CHIX	19017XJv1jj
17 January 2019	GMT	69	1,485.50	13:39:52	XLON	19017XJv1jk
17 January 2019	GMT	11	1,485.50	13:39:52	XLON	19017XJv1jl
17 January 2019	GMT	52	1,485.50	13:39:52	CHIX	19017XJv1jm
17 January 2019	GMT	106	1,485.00	13:39:52	CHIX	19017XJv1jp
17 January 2019	GMT	106	1,485.00	13:39:52	CHIX	19017XJv1jn
17 January 2019	GMT	74	1,485.00	13:39:52	XLON	19017XJv1jo
17 January 2019	GMT	124	1,485.00	13:39:52	XLON	19017XJv1jq
17 January 2019	GMT	104	1,485.00	13:39:56	CHIX	19017XJv1ju
17 January 2019	GMT	317	1,484.50	13:40:07	XLON	19017XJv1kz
17 January 2019	GMT	167	1,484.50	13:40:07	XLON	19017XJv1i1
17 January 2019	GMT	16	1,484.50	13:40:07	XLON	19017XJv1i0
17 January 2019	GMT	226	1,484.50	13:40:07	CHIX	19017XJv1i2
17 January 2019	GMT	127	1,484.50	13:40:07	CHIX	19017XJv1i3
17 January 2019	GMT	77	1,484.00	13:40:07	XLON	19017XJv1ia
17 January 2019	GMT	153	1,484.00	13:40:07	XLON	19017XJv1i4
17 January 2019	GMT	90	1,484.00	13:40:07	XLON	19017XJv1i6
17 January 2019	GMT	74	1,484.00	13:40:07	XLON	19017XJv1i5

17 January 2019	GMT	49	1,484.00	13:40:07	CHIX	19017XJv1I8
17 January 2019	GMT	101	1,484.00	13:40:07	CHIX	19017XJv1Ib
17 January 2019	GMT	106	1,484.00	13:40:07	CHIX	19017XJv1Id
17 January 2019	GMT	106	1,484.00	13:40:07	CHIX	19017XJv1Ic
17 January 2019	GMT	70	1,484.00	13:40:07	CHIX	19017XJv1I9
17 January 2019	GMT	106	1,484.00	13:40:07	CHIX	19017XJv1I7
17 January 2019	GMT	84	1,484.50	13:55:32	XLON	19017XJv3cv
17 January 2019	GMT	106	1,484.50	13:55:32	CHIX	19017XJv3cw
17 January 2019	GMT	70	1,483.50	13:59:33	XLON	19017XJv3s5
17 January 2019	GMT	147	1,483.50	13:59:33	CHIX	19017XJv3s7
17 January 2019	GMT	106	1,483.50	13:59:33	CHIX	19017XJv3s6
17 January 2019	GMT	122	1,483.00	13:59:33	CHIX	19017XJv3s9
17 January 2019	GMT	135	1,483.00	13:59:33	CHIX	19017XJv3s8
17 January 2019	GMT	21	1,484.50	14:01:12	XLON	19017XJv43k
17 January 2019	GMT	140	1,483.50	14:01:50	XLON	19017XJv46m
17 January 2019	GMT	108	1,483.50	14:01:50	CHIX	19017XJv46n
17 January 2019	GMT	140	1,483.00	14:01:51	CHIX	19017XJv46p
17 January 2019	GMT	24	1,483.00	14:01:51	CHIX	19017XJv46q
17 January 2019	GMT	123	1,483.00	14:01:51	CHIX	19017XJv46r
17 January 2019	GMT	122	1,482.50	14:01:53	CHIX	19017XJv46s
17 January 2019	GMT	122	1,481.00	14:04:51	CHIX	19017XJv4Iy
17 January 2019	GMT	114	1,481.00	14:04:51	CHIX	19017XJv4Ix
17 January 2019	GMT	114	1,482.00	14:09:00	CHIX	19017XJv548
17 January 2019	GMT	115	1,481.50	14:09:01	CHIX	19017XJv54g
17 January 2019	GMT	117	1,481.00	14:09:10	CHIX	19017XJv559
17 January 2019	GMT	77	1,484.50	14:22:25	XLON	19017XJv746
17 January 2019	GMT	344	1,484.50	14:22:25	XLON	19017XJv745
17 January 2019	GMT	144	1,484.50	14:22:25	XLON	19017XJv748
17 January 2019	GMT	33	1,484.50	14:22:25	XLON	19017XJv747
17 January 2019	GMT	25	1,484.50	14:22:25	XLON	19017XJv749

17 January 2019	GMT	105	1,484.50	14:22:25	CHIX	19017XJv74a
17 January 2019	GMT	106	1,484.50	14:22:25	CHIX	19017XJv74c
17 January 2019	GMT	140	1,484.50	14:22:25	CHIX	19017XJv74b
17 January 2019	GMT	111	1,484.50	14:22:25	CHIX	19017XJv74d
17 January 2019	GMT	74	1,484.00	14:22:25	XLON	19017XJv74e
17 January 2019	GMT	106	1,484.00	14:22:25	CHIX	19017XJv74f
17 January 2019	GMT	147	1,483.50	14:22:25	XLON	19017XJv74h
17 January 2019	GMT	88	1,483.50	14:22:25	XLON	19017XJv74g
17 January 2019	GMT	8	1,483.50	14:22:25	XLON	19017XJv74j
17 January 2019	GMT	2	1,483.50	14:22:25	XLON	19017XJv74i
17 January 2019	GMT	115	1,483.00	14:22:38	XLON	19017XJv75n
17 January 2019	GMT	257	1,483.00	14:22:46	CHIX	19017XJv76s
17 January 2019	GMT	248	1,483.00	14:22:46	XLON	19017XJv76q
17 January 2019	GMT	89	1,482.50	14:22:46	CHIX	19017XJv76t
17 January 2019	GMT	21	1,482.50	14:22:46	CHIX	19017XJv76v
17 January 2019	GMT	116	1,482.50	14:22:46	CHIX	19017XJv76w
17 January 2019	GMT	215	1,485.50	14:32:58	XLON	19017XJv93m
17 January 2019	GMT	153	1,485.50	14:32:58	CHIX	19017XJv93o
17 January 2019	GMT	46	1,485.50	14:32:58	CHIX	19017XJv93n
17 January 2019	GMT	122	1,487.00	14:33:24	CHIX	19017XJv971
17 January 2019	GMT	106	1,487.00	14:33:24	CHIX	19017XJv972
17 January 2019	GMT	158	1,487.00	14:33:24	XLON	19017XJv970
17 January 2019	GMT	73	1,486.00	14:36:14	CHIX	19017XJv9p8
17 January 2019	GMT	53	1,486.00	14:36:14	CHIX	19017XJv9p9
17 January 2019	GMT	24	1,486.00	14:36:14	XLON	19017XJv9pd
17 January 2019	GMT	124	1,486.00	14:36:14	XLON	19017XJv9pc
17 January 2019	GMT	14	1,486.00	14:36:14	CHIX	19017XJv9pa
17 January 2019	GMT	39	1,486.00	14:36:14	CHIX	19017XJv9pb
17 January 2019	GMT	12	1,487.50	14:37:56	XLON	19017XJva00
17 January 2019	GMT	124	1,487.50	14:37:56	CHIX	19017XJva02

17 January 2019	GMT	51	1,487.50	14:37:56	CHIX	19017XJva01
17 January 2019	GMT	64	1,487.50	14:37:56	CHIX	19017XJva04
17 January 2019	GMT	73	1,487.50	14:37:56	CHIX	19017XJva03
17 January 2019	GMT	51	1,487.50	14:37:56	CHIX	19017XJva06
17 January 2019	GMT	17	1,487.50	14:37:56	CHIX	19017XJva05
17 January 2019	GMT	223	1,487.00	14:37:56	CHIX	19017XJva07
17 January 2019	GMT	314	1,487.00	14:37:56	XLON	19017XJva08
17 January 2019	GMT	155	1,486.50	14:38:34	XLON	19017XJva3k
17 January 2019	GMT	120	1,486.50	14:38:34	CHIX	19017XJva3m
17 January 2019	GMT	141	1,486.50	14:38:34	CHIX	19017XJva3l
17 January 2019	GMT	123	1,486.50	14:38:34	CHIX	19017XJva3n
17 January 2019	GMT	72	1,485.50	14:38:43	XLON	19017XJva4x
17 January 2019	GMT	183	1,485.50	14:38:43	XLON	19017XJva4w
17 January 2019	GMT	106	1,485.50	14:38:43	CHIX	19017XJva4z
17 January 2019	GMT	131	1,485.50	14:38:43	CHIX	19017XJva4y
17 January 2019	GMT	63	1,485.50	14:38:43	CHIX	19017XJva50
17 January 2019	GMT	67	1,485.50	14:38:43	CHIX	19017XJva52
17 January 2019	GMT	68	1,485.50	14:38:43	CHIX	19017XJva51
17 January 2019	GMT	8	1,485.50	14:38:43	CHIX	19017XJva53
17 January 2019	GMT	65	1,485.00	14:38:45	CHIX	19017XJva5g
17 January 2019	GMT	100	1,485.00	14:38:45	CHIX	19017XJva5h
17 January 2019	GMT	48	1,488.00	14:45:18	CHIX	19017XJvbd2
17 January 2019	GMT	161	1,487.50	14:45:18	CHIX	19017XJvbd3
17 January 2019	GMT	84	1,487.50	14:45:18	CHIX	19017XJvbd4
17 January 2019	GMT	122	1,487.50	14:45:18	CHIX	19017XJvbd6
17 January 2019	GMT	23	1,487.50	14:45:18	CHIX	19017XJvbd7
17 January 2019	GMT	204	1,487.50	14:45:18	XLON	19017XJvbd5
17 January 2019	GMT	54	1,487.50	14:46:23	XLON	19017XJvbjk
17 January 2019	GMT	115	1,487.50	14:46:23	CHIX	19017XJvbjl
17 January 2019	GMT	54	1,487.00	14:46:36	XLON	19017XJvbkq

17 January 2019	GMT	115	1,487.00	14:46:36	CHIX	19017XJvbkr
17 January 2019	GMT	117	1,486.50	14:46:39	CHIX	19017XJvbkt
17 January 2019	GMT	233	1,487.00	14:48:38	XLON	19017XJvbx4
17 January 2019	GMT	84	1,486.50	14:49:54	XLON	19017XJvc7n
17 January 2019	GMT	106	1,486.50	14:49:54	CHIX	19017XJvc7o
17 January 2019	GMT	135	1,486.50	14:49:54	CHIX	19017XJvc7q
17 January 2019	GMT	11	1,486.50	14:49:54	XLON	19017XJvc7p
17 January 2019	GMT	41	1,486.50	14:49:54	CHIX	19017XJvc7r
17 January 2019	GMT	46	1,491.00	14:53:27	XLON	19017XJvcrc
17 January 2019	GMT	199	1,491.00	14:53:27	XLON	19017XJvcrd
17 January 2019	GMT	162	1,491.00	14:53:27	CHIX	19017XJvcrf
17 January 2019	GMT	176	1,491.00	14:53:27	CHIX	19017XJvcrc
17 January 2019	GMT	151	1,491.00	14:53:58	XLON	19017XJvctl
17 January 2019	GMT	83	1,491.00	14:53:58	XLON	19017XJvctn
17 January 2019	GMT	167	1,491.00	14:53:58	CHIX	19017XJvctm
17 January 2019	GMT	34	1,490.00	14:54:26	CHIX	19017XJvcv9
17 January 2019	GMT	63	1,490.00	14:54:26	CHIX	19017XJvcva
17 January 2019	GMT	14	1,489.00	14:54:33	CHIX	19017XJvcw9
17 January 2019	GMT	139	1,489.00	14:54:33	CHIX	19017XJvcwa
17 January 2019	GMT	74	1,490.50	14:56:15	XLON	19017XJvd6q
17 January 2019	GMT	105	1,490.50	14:56:15	CHIX	19017XJvd6r
17 January 2019	GMT	105	1,491.00	14:58:47	CHIX	19017XJvdkt
17 January 2019	GMT	79	1,491.00	14:58:47	XLON	19017XJvdks
17 January 2019	GMT	105	1,491.00	15:00:45	CHIX	19017XJvdz6
17 January 2019	GMT	41	1,491.00	15:00:45	CHIX	19017XJvdz9
17 January 2019	GMT	105	1,491.00	15:00:45	CHIX	19017XJvdz8
17 January 2019	GMT	79	1,491.00	15:00:45	XLON	19017XJvdza
17 January 2019	GMT	85	1,491.00	15:00:45	XLON	19017XJvdz7
17 January 2019	GMT	35	1,491.00	15:00:55	XLON	19017XJve00
17 January 2019	GMT	131	1,492.50	15:02:39	XLON	19017XJve5g

17 January 2019	GMT	20	1,492.50	15:02:39	XLON	19017XJve5h
17 January 2019	GMT	105	1,492.50	15:02:39	CHIX	19017XJve5i
17 January 2019	GMT	61	1,492.50	15:02:39	CHIX	19017XJve5j
17 January 2019	GMT	312	1,492.50	15:02:39	XLON	19017XJve5k
17 January 2019	GMT	40	1,494.00	15:05:25	CHIX	19017XJvei0
17 January 2019	GMT	104	1,494.00	15:05:25	CHIX	19017XJvei3
17 January 2019	GMT	74	1,494.00	15:05:25	CHIX	19017XJvei5
17 January 2019	GMT	65	1,494.00	15:05:25	CHIX	19017XJvei1
17 January 2019	GMT	31	1,494.00	15:05:25	CHIX	19017XJvei6
17 January 2019	GMT	113	1,494.00	15:05:25	XLON	19017XJvei2
17 January 2019	GMT	108	1,494.00	15:05:25	XLON	19017XJvei4
17 January 2019	GMT	16	1,494.00	15:05:25	XLON	19017XJvei7
17 January 2019	GMT	2	1,494.00	15:05:25	XLON	19017XJvei9
17 January 2019	GMT	52	1,494.00	15:05:25	CHIX	19017XJveia
17 January 2019	GMT	105	1,494.00	15:06:33	CHIX	19017XJveoy
17 January 2019	GMT	48	1,494.00	15:06:33	CHIX	19017XJvep0
17 January 2019	GMT	79	1,494.00	15:06:33	XLON	19017XJveoz
17 January 2019	GMT	126	1,494.00	15:06:33	CHIX	19017XJvep1
17 January 2019	GMT	111	1,496.00	15:09:29	XLON	19017XJveyk
17 January 2019	GMT	1	1,496.00	15:09:29	XLON	19017XJveyl
17 January 2019	GMT	73	1,496.00	15:09:29	XLON	19017XJveyh
17 January 2019	GMT	144	1,496.00	15:09:29	XLON	19017XJveym
17 January 2019	GMT	17	1,496.00	15:09:29	XLON	19017XJveyn
17 January 2019	GMT	105	1,496.00	15:09:29	CHIX	19017XJveyj
17 January 2019	GMT	39	1,496.00	15:09:29	CHIX	19017XJveyp
17 January 2019	GMT	52	1,496.00	15:09:29	CHIX	19017XJveyi
17 January 2019	GMT	101	1,496.00	15:09:29	CHIX	19017XJveys
17 January 2019	GMT	113	1,496.00	15:09:29	CHIX	19017XJveyr
17 January 2019	GMT	66	1,496.00	15:09:29	CHIX	19017XJveyq
17 January 2019	GMT	39	1,496.00	15:09:29	CHIX	19017XJveyt

17 January 2019	GMT	321	1,495.50	15:09:32	XLON	19017XJvez2
17 January 2019	GMT	139	1,495.50	15:09:32	XLON	19017XJvez1
17 January 2019	GMT	229	1,495.50	15:09:32	CHIX	19017XJvez4
17 January 2019	GMT	107	1,495.50	15:09:32	CHIX	19017XJvez3
17 January 2019	GMT	29	1,496.50	15:14:13	XLON	19017XJvfj7
17 January 2019	GMT	47	1,496.50	15:14:13	XLON	19017XJvfj8
17 January 2019	GMT	105	1,496.50	15:14:13	CHIX	19017XJvfj9
17 January 2019	GMT	100	1,496.00	15:14:13	CHIX	19017XJvfja
17 January 2019	GMT	226	1,497.50	15:15:42	XLON	19017XJvfp4
17 January 2019	GMT	162	1,497.50	15:15:42	CHIX	19017XJvfp5
17 January 2019	GMT	166	1,497.00	15:15:57	XLON	19017XJvfpv
17 January 2019	GMT	125	1,497.00	15:15:59	XLON	19017XJvfq1
17 January 2019	GMT	114	1,497.00	15:15:59	CHIX	19017XJvfq2
17 January 2019	GMT	208	1,497.00	15:15:59	CHIX	19017XJvfq3
17 January 2019	GMT	254	1,496.50	15:18:16	XLON	19017XJvg23
17 January 2019	GMT	181	1,496.50	15:18:16	CHIX	19017XJvg24
17 January 2019	GMT	62	1,496.50	15:18:16	CHIX	19017XJvg25
17 January 2019	GMT	36	1,496.00	15:18:29	CHIX	19017XJvg39
17 January 2019	GMT	83	1,496.00	15:18:29	CHIX	19017XJvg3a
17 January 2019	GMT	168	1,495.50	15:19:35	XLON	19017XJvg6r
17 January 2019	GMT	113	1,495.50	15:19:35	XLON	19017XJvg6q
17 January 2019	GMT	14	1,495.50	15:19:35	CHIX	19017XJvg6s
17 January 2019	GMT	126	1,495.50	15:19:35	CHIX	19017XJvg6v
17 January 2019	GMT	91	1,495.50	15:19:35	CHIX	19017XJvg6t
17 January 2019	GMT	117	1,495.00	15:19:35	CHIX	19017XJvg6w
17 January 2019	GMT	89	1,494.00	15:19:42	CHIX	19017XJvg7e
17 January 2019	GMT	68	1,494.00	15:19:42	CHIX	19017XJvg7h
17 January 2019	GMT	125	1,494.00	15:23:53	CHIX	19017XJvgkk
17 January 2019	GMT	123	1,494.00	15:23:53	CHIX	19017XJvgkl
17 January 2019	GMT	101	1,495.50	15:26:22	CHIX	19017XJvgu2

17 January 2019	GMT	118	1,495.50	15:26:37	CHIX	19017XJvgv0
17 January 2019	GMT	70	1,496.50	15:29:50	XLON	19017XJvh7p
17 January 2019	GMT	66	1,496.50	15:30:20	CHIX	19017XJvh9l
17 January 2019	GMT	43	1,496.50	15:30:58	CHIX	19017XJvhca
17 January 2019	GMT	24	1,496.50	15:30:58	XLON	19017XJvhc9
17 January 2019	GMT	213	1,496.00	15:30:58	XLON	19017XJvhcb
17 January 2019	GMT	58	1,496.00	15:30:58	XLON	19017XJvhcc
17 January 2019	GMT	150	1,496.00	15:30:58	XLON	19017XJvhcd
17 January 2019	GMT	55	1,496.00	15:30:58	CHIX	19017XJvhce
17 January 2019	GMT	164	1,496.00	15:30:58	CHIX	19017XJvhcf
17 January 2019	GMT	30	1,496.00	15:30:58	CHIX	19017XJvhcg
17 January 2019	GMT	117	1,496.00	15:30:58	CHIX	19017XJvhch
17 January 2019	GMT	145	1,495.50	15:31:14	CHIX	19017XJvhdw
17 January 2019	GMT	142	1,494.50	15:31:52	XLON	19017XJvhg8
17 January 2019	GMT	110	1,494.50	15:31:52	CHIX	19017XJvhg9
17 January 2019	GMT	118	1,494.00	15:31:52	CHIX	19017XJvhga
17 January 2019	GMT	118	1,494.00	15:31:52	CHIX	19017XJvhgb
17 January 2019	GMT	153	1,494.00	15:32:56	CHIX	19017XJvhqr
17 January 2019	GMT	52	1,492.00	15:33:29	XLON	19017XJvhvw
17 January 2019	GMT	116	1,492.00	15:33:29	CHIX	19017XJvhvx
17 January 2019	GMT	111	1,492.00	15:33:29	CHIX	19017XJvhvy
17 January 2019	GMT	52	1,491.00	15:33:37	CHIX	19017XJvhxj
17 January 2019	GMT	117	1,493.00	15:36:54	CHIX	19017XJvibq
17 January 2019	GMT	124	1,492.50	15:36:59	CHIX	19017XJvicf
17 January 2019	GMT	119	1,492.50	15:36:59	CHIX	19017XJvicd
17 January 2019	GMT	119	1,492.00	15:37:01	CHIX	19017XJvict
17 January 2019	GMT	124	1,493.50	15:39:32	CHIX	19017XJvio0
17 January 2019	GMT	160	1,493.50	15:39:32	XLON	19017XJvio1
17 January 2019	GMT	188	1,493.50	15:39:32	XLON	19017XJvio3
17 January 2019	GMT	135	1,493.50	15:39:32	CHIX	19017XJvio4

17 January 2019	GMT	176	1,493.00	15:39:32	CHIX	19017XJvio5
17 January 2019	GMT	100	1,493.00	15:39:32	CHIX	19017XJvio7
17 January 2019	GMT	388	1,493.00	15:39:32	XLON	19017XJvio8
17 January 2019	GMT	114	1,492.50	15:39:39	CHIX	19017XJviov
17 January 2019	GMT	116	1,492.00	15:42:21	CHIX	19017XJviz8
17 January 2019	GMT	56	1,491.50	15:42:26	CHIX	19017XJvj04
17 January 2019	GMT	55	1,491.50	15:42:26	CHIX	19017XJvj05
17 January 2019	GMT	100	1,491.00	15:42:41	CHIX	19017XJvj17
17 January 2019	GMT	123	1,490.00	15:43:38	CHIX	19017XJvj4t
17 January 2019	GMT	114	1,490.00	15:45:18	XLON	19017XJvjam
17 January 2019	GMT	111	1,492.50	15:48:23	CHIX	19017XJvjn0
17 January 2019	GMT	105	1,492.00	15:48:23	CHIX	19017XJvjn4
17 January 2019	GMT	105	1,492.00	15:48:23	CHIX	19017XJvjn2
17 January 2019	GMT	109	1,492.00	15:48:23	XLON	19017XJvjn3
17 January 2019	GMT	109	1,492.00	15:48:23	XLON	19017XJvjn1
17 January 2019	GMT	345	1,491.50	15:48:25	XLON	19017XJvjoa
17 January 2019	GMT	103	1,491.50	15:48:25	XLON	19017XJvjo7
17 January 2019	GMT	50	1,491.50	15:48:25	CHIX	19017XJvjoc
17 January 2019	GMT	105	1,491.50	15:48:25	CHIX	19017XJvjod
17 January 2019	GMT	245	1,491.50	15:48:25	CHIX	19017XJvjog
17 January 2019	GMT	27	1,491.00	15:48:37	XLON	19017XJvjpk
17 January 2019	GMT	105	1,490.00	15:49:27	CHIX	19017XJvjru
17 January 2019	GMT	55	1,489.50	15:49:27	XLON	19017XJvjrv
17 January 2019	GMT	36	1,489.50	15:49:48	XLON	19017XJvjtb
17 January 2019	GMT	23	1,489.50	15:51:59	XLON	19017XJvjzk
17 January 2019	GMT	115	1,490.00	15:51:59	CHIX	19017XJvjzl
17 January 2019	GMT	121	1,490.00	15:51:59	CHIX	19017XJvjzm
17 January 2019	GMT	144	1,490.00	15:52:20	CHIX	19017XJvk19
17 January 2019	GMT	7	1,491.00	15:54:02	CHIX	19017XJvk6j
17 January 2019	GMT	27	1,491.00	15:54:09	XLON	19017XJvk72

17 January 2019	GMT	95	1,491.00	15:54:09	CHIX	19017XJvk73
17 January 2019	GMT	78	1,491.00	15:54:40	CHIX	19017XJvk8r
17 January 2019	GMT	105	1,491.50	15:57:20	CHIX	19017XJvkkv
17 January 2019	GMT	305	1,491.50	15:57:20	CHIX	19017XJvkkt
17 January 2019	GMT	77	1,491.50	15:57:20	XLON	19017XJvkky
17 January 2019	GMT	429	1,491.50	15:57:20	XLON	19017XJvkkw
17 January 2019	GMT	1	1,491.50	15:57:20	XLON	19017XJvkl2
17 January 2019	GMT	32	1,491.50	15:57:20	XLON	19017XJvkl0
17 January 2019	GMT	20	1,491.00	15:57:21	XLON	19017XJvkls
17 January 2019	GMT	81	1,492.00	15:59:41	XLON	19017XJvks8
17 January 2019	GMT	128	1,491.50	15:59:48	CHIX	19017XJvktb
17 January 2019	GMT	126	1,491.50	15:59:48	CHIX	19017XJvkt9
17 January 2019	GMT	81	1,491.50	15:59:48	CHIX	19017XJvkt7
17 January 2019	GMT	55	1,491.50	15:59:48	CHIX	19017XJvkt8
17 January 2019	GMT	167	1,491.50	15:59:48	XLON	19017XJvkta
17 January 2019	GMT	31	1,493.00	16:02:18	CHIX	19017XJvl4a
17 January 2019	GMT	76	1,493.00	16:02:18	CHIX	19017XJvl4b
17 January 2019	GMT	52	1,495.50	16:04:27	CHIX	19017XJvla0
17 January 2019	GMT	144	1,497.50	16:05:37	XLON	19017XJvlg4
17 January 2019	GMT	212	1,497.50	16:05:37	XLON	19017XJvlg5
17 January 2019	GMT	152	1,497.50	16:05:37	CHIX	19017XJvlg7
17 January 2019	GMT	111	1,497.50	16:05:37	CHIX	19017XJvlg6
17 January 2019	GMT	176	1,497.00	16:05:37	CHIX	19017XJvlg8
17 January 2019	GMT	42	1,498.00	16:06:33	CHIX	19017XJvlk8
17 January 2019	GMT	44	1,498.00	16:06:48	CHIX	19017XJvlkf
17 January 2019	GMT	39	1,498.50	16:07:51	CHIX	19017XJvlnp
17 January 2019	GMT	195	1,499.50	16:09:31	CHIX	19017XJvlw3
17 January 2019	GMT	130	1,499.50	16:09:31	CHIX	19017XJvlw4
17 January 2019	GMT	274	1,499.50	16:09:31	XLON	19017XJvlw2
17 January 2019	GMT	180	1,499.50	16:09:31	XLON	19017XJvlw5

17 January 2019	GMT	200	1,500.00	16:09:31	CHIX	19017XJvlw7
17 January 2019	GMT	140	1,500.00	16:09:31	CHIX	19017XJvlw8
17 January 2019	GMT	100	1,500.00	16:09:31	BATE	19017XJvlw6
17 January 2019	GMT	44	1,499.50	16:10:28	CHIX	19017XJvm0z
17 January 2019	GMT	158	1,499.00	16:10:29	XLON	19017XJvm1z
17 January 2019	GMT	122	1,499.00	16:10:29	XLON	19017XJvm1y
17 January 2019	GMT	101	1,499.00	16:10:29	XLON	19017XJvm20
17 January 2019	GMT	73	1,499.00	16:10:29	XLON	19017XJvm22
17 January 2019	GMT	124	1,499.00	16:10:29	CHIX	19017XJvm25
17 January 2019	GMT	122	1,499.00	16:10:29	CHIX	19017XJvm23
17 January 2019	GMT	80	1,499.00	16:10:29	CHIX	19017XJvm24
17 January 2019	GMT	105	1,499.00	16:10:29	CHIX	19017XJvm21
17 January 2019	GMT	1	1,499.00	16:10:29	CHIX	19017XJvm26
17 January 2019	GMT	238	1,498.50	16:10:50	CHIX	19017XJvm5c
17 January 2019	GMT	93	1,498.50	16:10:50	CHIX	19017XJvm58
17 January 2019	GMT	105	1,498.50	16:10:50	CHIX	19017XJvm59
17 January 2019	GMT	111	1,498.50	16:10:50	XLON	19017XJvm5a
17 January 2019	GMT	335	1,498.50	16:10:50	XLON	19017XJvm5b
17 January 2019	GMT	105	1,498.00	16:10:52	CHIX	19017XJvm5f
17 January 2019	GMT	179	1,498.00	16:10:52	CHIX	19017XJvm5d
17 January 2019	GMT	116	1,498.00	16:10:52	CHIX	19017XJvm5e
17 January 2019	GMT	54	1,498.00	16:10:52	XLON	19017XJvm5i
17 January 2019	GMT	250	1,498.00	16:10:52	XLON	19017XJvm5g
17 January 2019	GMT	58	1,498.00	16:10:52	XLON	19017XJvm5j
17 January 2019	GMT	203	1,497.50	16:10:52	XLON	19017XJvm5m
17 January 2019	GMT	145	1,497.50	16:10:52	CHIX	19017XJvm5h
17 January 2019	GMT	65	1,496.00	16:15:04	XLON	19017XJvmi6
17 January 2019	GMT	106	1,496.00	16:15:04	CHIX	19017XJvmi7
17 January 2019	GMT	105	1,497.00	16:17:00	CHIX	19017XJvmox
17 January 2019	GMT	93	1,497.00	16:17:00	XLON	19017XJvmoy

17 January 2019	GMT	131	1,496.50	16:17:00	CHIX	19017XJvmoz
17 January 2019	GMT	59	1,496.00	16:18:12	CHIX	19017XJvmt0
17 January 2019	GMT	92	1,496.00	16:18:12	XLON	19017XJvmtp
17 January 2019	GMT	46	1,496.00	16:18:12	CHIX	19017XJvmtq
17 January 2019	GMT	92	1,495.50	16:19:20	XLON	19017XJvmyx
17 January 2019	GMT	65	1,495.50	16:19:20	XLON	19017XJvmyv
17 January 2019	GMT	105	1,495.50	16:19:20	CHIX	19017XJvmyz
17 January 2019	GMT	106	1,495.50	16:19:20	CHIX	19017XJvmyy
17 January 2019	GMT	103	1,495.00	16:19:20	CHIX	19017XJvmz2
17 January 2019	GMT	51	1,495.00	16:19:21	CHIX	19017XJvmza
17 January 2019	GMT	134	1,497.00	16:21:02	CHIX	19017XJvn7o
17 January 2019	GMT	118	1,497.00	16:21:02	CHIX	19017XJvn7n
17 January 2019	GMT	187	1,497.00	16:21:02	XLON	19017XJvn7m
17 January 2019	GMT	51	1,496.00	16:21:19	CHIX	19017XJvn93
17 January 2019	GMT	114	1,496.00	16:21:19	CHIX	19017XJvn94
17 January 2019	GMT	56	1,495.50	16:21:29	XLON	19017XJvn9w
17 January 2019	GMT	34	1,495.50	16:21:35	XLON	19017XJvna3
17 January 2019	GMT	56	1,495.50	16:21:45	XLON	19017XJvnax
17 January 2019	GMT	45	1,495.50	16:21:53	XLON	19017XJvnbu
17 January 2019	GMT	167	1,495.50	16:21:53	CHIX	19017XJvnbv
17 January 2019	GMT	44	1,495.50	16:21:53	XLON	19017XJvnbw
17 January 2019	GMT	44	1,495.00	16:22:01	XLON	19017XJvncf
17 January 2019	GMT	34	1,495.00	16:22:10	XLON	19017XJvnd8
17 January 2019	GMT	54	1,495.00	16:22:30	CHIX	19017XJvneq
17 January 2019	GMT	46	1,494.00	16:22:49	XLON	19017XJvng9
17 January 2019	GMT	74	1,494.00	16:23:55	CHIX	19017XJvnlx
17 January 2019	GMT	120	1,494.00	16:23:55	CHIX	19017XJvnly
17 January 2019	GMT	41	1,493.50	16:24:00	XLON	19017XJvnng
17 January 2019	GMT	145	1,493.50	16:24:04	XLON	19017XJvnnr
17 January 2019	GMT	132	1,493.50	16:24:05	CHIX	19017XJvnnv

17 January 2019	GMT	123	1,493.00	16:24:46	CHIX	19017XJvnrq
17 January 2019	GMT	35	1,492.50	16:25:00	CHIX	19017XJvntu
17 January 2019	GMT	82	1,492.50	16:26:06	CHIX	19017XJvnxp
17 January 2019	GMT	83	1,492.50	16:26:06	CHIX	19017XJvnxq
17 January 2019	GMT	93	1,492.00	16:26:25	XLON	19017XJvnzl
17 January 2019	GMT	119	1,492.00	16:26:25	CHIX	19017XJvnzj
17 January 2019	GMT	105	1,492.00	16:26:25	CHIX	19017XJvnzo
17 January 2019	GMT	274	1,491.50	16:26:26	XLON	19017XJvo0v
17 January 2019	GMT	196	1,491.50	16:26:26	CHIX	19017XJvo0w
17 January 2019	GMT	93	1,490.50	16:29:06	CHIX	19017XJvod6
17 January 2019	GMT	97	1,490.50	16:29:06	CHIX	19017XJvod7
17 January 2019	GMT	25	1,490.50	16:29:06	XLON	19017XJvod8
17 January 2019	GMT	13	1,491.00	16:29:33	CHIX	19017XJvoez
17 January 2019	GMT	15000	1,492.02	16:23:56	XLON	2140795195

#### American Depository Receipts (“ADR”)

Transaction Date	Time Zone	Volume	Price (USD)	Time	Trading Venue
17 January 2019	EST	100	19.16	09:35:39	NYSE
17 January 2019	EST	100	19.165	09:35:39	NYSE
17 January 2019	EST	100	19.2	09:36:43	NYSE
17 January 2019	EST	100	19.2	09:37:21	NYSE
17 January 2019	EST	100	19.2	09:37:30	NYSE
17 January 2019	EST	100	19.2	09:37:30	NYSE
17 January 2019	EST	100	19.19	09:38:27	NYSE
17 January 2019	EST	100	19.19	09:38:27	NYSE
17 January 2019	EST	100	19.18	09:38:34	NYSE
17 January 2019	EST	100	19.18	09:38:34	NYSE
17 January 2019	EST	100	19.18	09:38:34	NYSE
17 January 2019	EST	100	19.18	09:38:34	NYSE
17 January 2019	EST	100	19.16	09:41:01	NYSE
17 January 2019	EST	100	19.15	09:41:01	NYSE
17 January 2019	EST	100	19.18	09:42:26	NYSE
17 January 2019	EST	100	19.18	09:42:26	NYSE
17 January 2019	EST	100	19.2	09:43:48	NYSE
17 January 2019	EST	100	19.19	09:45:17	NYSE
17 January 2019	EST	35	19.18	09:45:36	NYSE
17 January 2019	EST	65	19.18	09:46:35	NYSE
17 January 2019	EST	100	19.18	09:46:35	NYSE
17 January 2019	EST	200	19.18	09:46:38	NYSE
17 January 2019	EST	100	19.18	09:46:48	NYSE

17 January 2019	EST	100	19.18	09:46:48	NYSE
17 January 2019	EST	100	19.18	09:46:48	NYSE
17 January 2019	EST	200	19.19	09:49:54	NYSE
17 January 2019	EST	200	19.19	09:51:03	NYSE
17 January 2019	EST	200	19.19	09:51:03	NYSE
17 January 2019	EST	200	19.19	09:51:03	NYSE
17 January 2019	EST	100	19.24	09:53:26	NYSE
17 January 2019	EST	100	19.24	09:53:26	NYSE
17 January 2019	EST	100	19.24	09:53:26	NYSE
17 January 2019	EST	100	19.24	09:53:26	NYSE
17 January 2019	EST	100	19.24	09:53:26	NYSE
17 January 2019	EST	100	19.24	09:53:26	NYSE
17 January 2019	EST	100	19.23	09:54:25	NYSE
17 January 2019	EST	39	19.23	09:54:25	NYSE
17 January 2019	EST	61	19.23	09:54:25	NYSE
17 January 2019	EST	100	19.23	09:54:25	NYSE
17 January 2019	EST	100	19.23	09:54:25	NYSE
17 January 2019	EST	100	19.23	09:54:25	NYSE
17 January 2019	EST	100	19.22	09:54:44	NYSE
17 January 2019	EST	100	19.22	09:54:44	NYSE
17 January 2019	EST	100	19.22	09:54:44	NYSE
17 January 2019	EST	100	19.22	09:54:44	NYSE
17 January 2019	EST	100	19.22	09:54:44	NYSE
17 January 2019	EST	100	19.22	09:54:44	NYSE
17 January 2019	EST	100	19.22	09:54:47	NYSE
17 January 2019	EST	200	19.24	10:00:44	NYSE
17 January 2019	EST	100	19.24	10:00:44	NYSE
17 January 2019	EST	200	19.27	10:02:38	NYSE
17 January 2019	EST	200	19.27	10:02:38	NYSE
17 January 2019	EST	200	19.26	10:03:00	NYSE
17 January 2019	EST	57	19.26	10:03:00	NYSE
17 January 2019	EST	43	19.26	10:03:00	NYSE
17 January 2019	EST	200	19.28	10:07:58	NYSE
17 January 2019	EST	9	19.28	10:07:58	NYSE
17 January 2019	EST	91	19.28	10:07:58	NYSE
17 January 2019	EST	100	19.28	10:07:58	NYSE
17 January 2019	EST	100	19.28	10:07:58	NYSE
17 January 2019	EST	100	19.3	10:14:13	NYSE
17 January 2019	EST	100	19.305	10:14:13	NYSE
17 January 2019	EST	100	19.3	10:14:13	NYSE
17 January 2019	EST	100	19.3	10:14:13	NYSE
17 January 2019	EST	100	19.3	10:14:13	NYSE
17 January 2019	EST	28	19.3	10:14:13	NYSE
17 January 2019	EST	100	19.31	10:15:58	NYSE
17 January 2019	EST	200	19.31	10:15:58	NYSE
17 January 2019	EST	100	19.3	10:17:58	NYSE
17 January 2019	EST	100	19.3	10:17:58	NYSE
17 January 2019	EST	100	19.29	10:18:11	NYSE
17 January 2019	EST	77	19.29	10:18:11	NYSE
17 January 2019	EST	23	19.29	10:18:11	NYSE
17 January 2019	EST	100	19.29	10:18:11	NYSE
17 January 2019	EST	100	19.26	10:19:41	NYSE
17 January 2019	EST	100	19.27	10:22:42	NYSE
17 January 2019	EST	200	19.27	10:22:42	NYSE
17 January 2019	EST	100	19.27	10:22:42	NYSE
17 January 2019	EST	200	19.28	10:27:18	NYSE

17 January 2019	EST	100	19.28	10:27:18	NYSE
17 January 2019	EST	82	19.3	10:28:34	NYSE
17 January 2019	EST	118	19.3	10:28:34	NYSE
17 January 2019	EST	100	19.3	10:28:34	NYSE
17 January 2019	EST	200	19.3	10:30:58	NYSE
17 January 2019	EST	300	19.29	10:31:15	NYSE
17 January 2019	EST	100	19.26	10:33:23	NYSE
17 January 2019	EST	100	19.23	10:33:40	NYSE
17 January 2019	EST	200	19.27	10:35:53	NYSE
17 January 2019	EST	100	19.26	10:39:31	NYSE
17 January 2019	EST	100	19.26	10:39:31	NYSE
17 January 2019	EST	100	19.26	10:39:31	NYSE
17 January 2019	EST	200	19.25	10:39:39	NYSE
17 January 2019	EST	100	19.25	10:39:39	NYSE
17 January 2019	EST	36	19.24	10:39:55	NYSE
17 January 2019	EST	164	19.24	10:39:55	NYSE
17 January 2019	EST	200	19.22	10:45:18	NYSE
17 January 2019	EST	200	19.21	10:45:20	NYSE
17 January 2019	EST	100	19.2	10:48:39	NYSE
17 January 2019	EST	100	19.2	10:52:01	NYSE
17 January 2019	EST	100	19.22	10:56:02	NYSE
17 January 2019	EST	100	19.22	10:56:02	NYSE
17 January 2019	EST	100	19.22	10:56:03	NYSE
17 January 2019	EST	100	19.25	10:58:15	NYSE
17 January 2019	EST	100	19.25	10:58:15	NYSE
17 January 2019	EST	100	19.25	10:58:15	NYSE
17 January 2019	EST	15	19.25	10:58:15	NYSE
17 January 2019	EST	100	19.25	10:58:53	NYSE
17 January 2019	EST	100	19.25	10:59:13	NYSE
17 January 2019	EST	112	19.26	11:02:19	NYSE
17 January 2019	EST	25	19.26	11:02:19	NYSE
17 January 2019	EST	50	19.26	11:02:19	NYSE
17 January 2019	EST	113	19.26	11:02:19	NYSE
17 January 2019	EST	100	19.29	11:04:24	NYSE
17 January 2019	EST	100	19.29	11:04:24	NYSE
17 January 2019	EST	100	19.29	11:04:24	NYSE
17 January 2019	EST	200	19.35	11:08:05	NYSE
17 January 2019	EST	100	19.35	11:08:05	NYSE
17 January 2019	EST	100	19.35	11:08:05	NYSE
17 January 2019	EST	100	19.35	11:08:05	NYSE
17 January 2019	EST	100	19.35	11:08:05	NYSE
17 January 2019	EST	200	19.35	11:08:05	NYSE
17 January 2019	EST	100	19.35	11:08:05	NYSE
17 January 2019	EST	200	19.32	11:15:26	NYSE
17 January 2019	EST	100	19.33	11:16:59	NYSE
17 January 2019	EST	200	19.33	11:16:59	NYSE
17 January 2019	EST	200	19.32	11:18:24	NYSE
17 January 2019	EST	100	19.32	11:18:24	NYSE
17 January 2019	EST	100	19.32	11:18:24	NYSE
17 January 2019	EST	100	19.32	11:18:24	NYSE
17 January 2019	EST	100	19.32	11:18:24	NYSE
17 January 2019	EST	100	19.32	11:18:24	NYSE
17 January 2019	EST	100	19.31	11:20:05	NYSE
17 January 2019	EST	20	19.35	11:20:57	NYSE
17 January 2019	EST	37	19.35	11:20:57	NYSE

17 January 2019	EST	200	19.35	11:20:57	NYSE
17 January 2019	EST	50	19.35	11:20:57	NYSE
17 January 2019	EST	25	19.35	11:20:57	NYSE
17 January 2019	EST	25	19.35	11:20:57	NYSE