



## Eni: Report on the purchase of treasury shares

San Donato Milanese (Milan), 27 November 2019 - During the period from November 18 to November 22, 2019, Eni acquired n. 1,053,691 shares, at a weighted average price per share equal to 14.042794 euro, for a total consideration of 14,796,765.24 euro within the authorization to purchase treasury shares approved at Eni's Ordinary General Meeting of shareholders on 14 May 2019, previously subject to disclosure pursuant to art. 144-bis of Consob Regulation 11971/1999. On the basis of the information provided by the intermediary appointed to make the purchases, the following are details of transactions for the purchase of treasury shares on the Electronic Stock Market on a daily basis:

Trade date (dd/mm/yy)	Transaction quantity	Transaction weighted average price (euro)	Transaction amount (euro)
18/11/2019	200,000.00	14.160958	2,832,191.60
19/11/2019	199,924.00	14.102311	2,819,390.42
20/11/2019	244,109.00	13.871621	3,386,187.53
21/11/2019	204,787.00	13.999808	2,866,978.68
22/11/2019	204,871.00	14.116283	2,892,017.01
<b>Total</b>	<b>1,053,691</b>	<b>14.042794</b>	<b>14,796,765.24</b>

Since the start of the programme, Eni purchased n. 25,482,568 treasury shares (equal to 0.70% of the share capital) for an aggregate amount of 357,258,746.03 euro. Following the purchases made until 22 November 2019, considering the treasury shares already held, Eni holds n. 58,527,765 shares equal to 1.61% of the share capital.

Details of the daily transactions are reported below.

Transaction details			
Trade date (dd/mm/yy)	Execution time	Transaction quantity	Transaction price
18/11/2019	08:00:10	140	14.232
18/11/2019	08:01:23	1313	14.22
18/11/2019	08:01:27	147	14.218
18/11/2019	08:01:47	296	14.21
18/11/2019	08:02:08	568	14.212
18/11/2019	08:02:16	149	14.206
18/11/2019	08:02:55	344	14.212
18/11/2019	08:03:06	400	14.208
18/11/2019	08:03:14	372	14.208

18/11/2019	08:03:27	324	14.218
18/11/2019	08:04:01	561	14.21
18/11/2019	08:04:01	211	14.208
18/11/2019	08:04:30	390	14.206
18/11/2019	08:04:33	68	14.206
18/11/2019	08:04:33	194	14.206
18/11/2019	08:05:05	332	14.214
18/11/2019	08:05:05	324	14.214
18/11/2019	08:05:37	278	14.204
18/11/2019	08:05:37	22	14.204
18/11/2019	08:05:38	191	14.202
18/11/2019	08:05:53	238	14.21
18/11/2019	08:06:03	149	14.212
18/11/2019	08:06:50	684	14.238
18/11/2019	08:07:23	181	14.232
18/11/2019	08:07:40	250	14.242
18/11/2019	08:07:48	417	14.242
18/11/2019	08:08:01	149	14.242
18/11/2019	08:08:39	625	14.246
18/11/2019	08:12:47	374	14.236
18/11/2019	08:12:47	300	14.236
18/11/2019	08:12:48	175	14.236
18/11/2019	08:12:48	83	14.236
18/11/2019	08:13:13	189	14.238
18/11/2019	08:13:25	375	14.24
18/11/2019	08:13:25	42	14.24
18/11/2019	08:13:27	1593	14.238
18/11/2019	08:13:38	858	14.238
18/11/2019	08:13:38	188	14.238
18/11/2019	08:13:53	149	14.236
18/11/2019	08:14:15	283	14.236
18/11/2019	08:15:24	621	14.23
18/11/2019	08:15:24	314	14.228
18/11/2019	08:16:00	261	14.222
18/11/2019	08:16:00	153	14.22
18/11/2019	08:16:14	142	14.216
18/11/2019	08:16:47	261	14.214
18/11/2019	08:16:47	154	14.214
18/11/2019	08:17:15	260	14.2
18/11/2019	08:17:15	65	14.198
18/11/2019	08:17:15	138	14.198
18/11/2019	08:17:51	270	14.202
18/11/2019	08:18:14	261	14.198
18/11/2019	08:18:43	160	14.194
18/11/2019	08:18:43	100	14.194
18/11/2019	08:18:44	153	14.194
18/11/2019	08:18:56	142	14.192
18/11/2019	08:19:18	164	14.188
18/11/2019	08:19:21	144	14.19
18/11/2019	08:19:34	142	14.194
18/11/2019	08:20:54	605	14.2
18/11/2019	08:20:54	230	14.2
18/11/2019	08:23:46	1565	14.204
18/11/2019	08:23:46	1071	14.204

18/11/2019	08:27:10	1313	14.214
18/11/2019	08:27:10	971	14.214
18/11/2019	08:28:54	952	14.212
18/11/2019	08:29:27	286	14.206
18/11/2019	08:29:42	148	14.2
18/11/2019	08:33:27	1257	14.202
18/11/2019	08:33:27	600	14.202
18/11/2019	08:33:58	374	14.204
18/11/2019	08:34:07	147	14.198
18/11/2019	08:34:31	148	14.198
18/11/2019	08:35:28	386	14.196
18/11/2019	08:35:28	193	14.196
18/11/2019	08:35:42	145	14.19
18/11/2019	08:36:28	269	14.2
18/11/2019	08:37:11	466	14.198
18/11/2019	08:37:13	165	14.196
18/11/2019	08:38:29	746	14.202
18/11/2019	08:41:23	972	14.212
18/11/2019	08:41:23	760	14.212
18/11/2019	08:42:10	338	14.206
18/11/2019	08:43:14	96	14.208
18/11/2019	08:43:14	438	14.208
18/11/2019	08:43:27	140	14.206
18/11/2019	08:43:51	198	14.21
18/11/2019	08:45:30	578	14.228
18/11/2019	08:45:59	403	14.224
18/11/2019	08:46:53	352	14.218
18/11/2019	08:47:00	142	14.218
18/11/2019	08:47:23	143	14.216
18/11/2019	08:48:24	381	14.212
18/11/2019	08:49:06	277	14.21
18/11/2019	08:49:26	173	14.206
18/11/2019	08:49:27	142	14.204
18/11/2019	08:50:01	157	14.2
18/11/2019	08:50:11	163	14.198
18/11/2019	08:51:17	366	14.2
18/11/2019	08:52:04	366	14.202
18/11/2019	08:52:09	187	14.2
18/11/2019	08:52:56	293	14.2
18/11/2019	08:53:31	293	14.2
18/11/2019	08:54:10	293	14.198
18/11/2019	08:54:10	146	14.198
18/11/2019	08:55:11	293	14.196
18/11/2019	08:55:12	210	14.196
18/11/2019	08:57:33	591	14.196
18/11/2019	08:57:33	396	14.196
18/11/2019	09:00:06	700	14.192
18/11/2019	09:00:06	444	14.192
18/11/2019	09:02:17	68	14.204
18/11/2019	09:03:10	943	14.212
18/11/2019	09:03:10	633	14.212
18/11/2019	09:03:32	260	14.208
18/11/2019	09:04:18	317	14.202
18/11/2019	09:04:30	202	14.2

18/11/2019	09:05:14	288	14.202
18/11/2019	09:05:18	219	14.2
18/11/2019	09:06:09	288	14.202
18/11/2019	09:08:09	677	14.2
18/11/2019	09:08:09	260	14.198
18/11/2019	09:08:25	145	14.196
18/11/2019	09:08:55	144	14.194
18/11/2019	09:10:19	361	14.198
18/11/2019	09:11:54	913	14.198
18/11/2019	09:13:07	598	14.2
18/11/2019	09:15:05	583	14.192
18/11/2019	09:15:05	214	14.192
18/11/2019	09:15:51	272	14.188
18/11/2019	09:16:48	279	14.184
18/11/2019	09:16:59	146	14.18
18/11/2019	09:17:54	279	14.184
18/11/2019	09:21:53	1092	14.196
18/11/2019	09:21:53	394	14.196
18/11/2019	09:26:37	941	14.2
18/11/2019	09:26:37	750	14.2
18/11/2019	09:27:13	144	14.194
18/11/2019	09:28:15	305	14.192
18/11/2019	09:29:36	377	14.184
18/11/2019	09:29:46	172	14.182
18/11/2019	09:31:37	614	14.194
18/11/2019	09:32:09	407	14.192
18/11/2019	09:33:46	520	14.194
18/11/2019	09:33:46	84	14.194
18/11/2019	09:38:08	1560	14.208
18/11/2019	09:38:08	158	14.208
18/11/2019	09:38:56	314	14.208
18/11/2019	09:39:57	471	14.21
18/11/2019	09:42:45	925	14.202
18/11/2019	09:44:26	555	14.208
18/11/2019	09:46:01	612	14.204
18/11/2019	09:46:01	180	14.204
18/11/2019	09:49:24	172	14.21
18/11/2019	09:49:29	577	14.21
18/11/2019	09:49:59	358	14.21
18/11/2019	09:49:59	180	14.21
18/11/2019	09:50:26	144	14.208
18/11/2019	09:51:49	277	14.206
18/11/2019	09:51:49	178	14.208
18/11/2019	09:54:23	383	14.208
18/11/2019	09:54:32	349	14.21
18/11/2019	09:54:32	155	14.21
18/11/2019	09:54:51	144	14.208
18/11/2019	09:55:41	270	14.206
18/11/2019	09:57:05	58	14.204
18/11/2019	09:57:40	433	14.204
18/11/2019	09:57:40	152	14.202
18/11/2019	09:58:06	141	14.2
18/11/2019	10:01:21	1240	14.206
18/11/2019	10:01:31	88	14.204

18/11/2019	10:02:09	186	14.204
18/11/2019	10:03:09	126	14.206
18/11/2019	10:03:09	74	14.206
18/11/2019	10:03:59	773	14.204
18/11/2019	10:04:14	145	14.202
18/11/2019	10:06:19	675	14.198
18/11/2019	10:08:51	905	14.212
18/11/2019	10:08:51	201	14.212
18/11/2019	10:09:51	160	14.214
18/11/2019	10:09:56	164	14.214
18/11/2019	10:09:56	90	14.214
18/11/2019	10:10:26	144	14.212
18/11/2019	10:12:08	614	14.22
18/11/2019	10:12:56	271	14.22
18/11/2019	10:13:20	8	14.218
18/11/2019	10:13:46	199	14.216
18/11/2019	10:14:26	162	14.216
18/11/2019	10:14:41	144	14.216
18/11/2019	10:14:55	141	14.214
18/11/2019	10:17:16	516	14.21
18/11/2019	10:17:29	269	14.21
18/11/2019	10:17:32	143	14.208
18/11/2019	10:20:43	676	14.206
18/11/2019	10:20:43	436	14.206
18/11/2019	10:21:39	106	14.204
18/11/2019	10:21:39	179	14.204
18/11/2019	10:22:26	278	14.2
18/11/2019	10:22:30	143	14.198
18/11/2019	10:24:25	517	14.2
18/11/2019	10:28:25	934	14.204
18/11/2019	10:29:24	895	14.204
18/11/2019	10:30:31	269	14.202
18/11/2019	10:32:25	581	14.2
18/11/2019	10:32:30	414	14.198
18/11/2019	10:35:23	710	14.196
18/11/2019	10:35:23	4	14.196
18/11/2019	10:35:23	458	14.196
18/11/2019	10:35:36	146	14.192
18/11/2019	10:36:19	284	14.192
18/11/2019	10:36:36	146	14.19
18/11/2019	10:39:31	1185	14.18
18/11/2019	10:39:54	146	14.176
18/11/2019	10:40:07	141	14.174
18/11/2019	10:40:54	269	14.17
18/11/2019	10:41:56	286	14.17
18/11/2019	10:42:51	269	14.164
18/11/2019	10:42:58	163	14.164
18/11/2019	10:50:25	133	14.174
18/11/2019	10:50:27	1985	14.176
18/11/2019	10:50:27	793	14.176
18/11/2019	10:52:53	945	14.174
18/11/2019	10:52:53	201	14.174
18/11/2019	10:55:03	989	14.17
18/11/2019	10:55:05	143	14.166

18/11/2019	10:56:43	99	14.166
18/11/2019	10:57:30	675	14.172
18/11/2019	10:57:58	143	14.172
18/11/2019	11:05:03	511	14.172
18/11/2019	11:05:03	1925	14.172
18/11/2019	11:05:38	581	14.17
18/11/2019	11:06:30	402	14.17
18/11/2019	11:06:44	147	14.168
18/11/2019	11:07:01	147	14.168
18/11/2019	11:09:49	140	14.166
18/11/2019	11:09:49	522	14.166
18/11/2019	11:09:49	100	14.166
18/11/2019	11:12:03	142	14.164
18/11/2019	11:12:05	530	14.164
18/11/2019	11:12:05	323	14.164
18/11/2019	11:13:39	495	14.166
18/11/2019	11:15:51	504	14.164
18/11/2019	11:15:52	179	14.162
18/11/2019	11:22:39	990	14.168
18/11/2019	11:25:13	151	14.178
18/11/2019	11:25:13	175	14.178
18/11/2019	11:25:15	111	14.178
18/11/2019	11:26:21	2433	14.176
18/11/2019	11:26:21	244	14.176
18/11/2019	11:28:12	494	14.174
18/11/2019	11:30:33	863	14.186
18/11/2019	11:32:02	504	14.182
18/11/2019	11:32:22	143	14.18
18/11/2019	11:34:37	438	14.182
18/11/2019	11:35:13	178	14.182
18/11/2019	11:40:16	1092	14.198
18/11/2019	11:40:37	246	14.196
18/11/2019	11:40:37	363	14.196
18/11/2019	11:40:38	145	14.192
18/11/2019	11:41:28	140	14.188
18/11/2019	11:44:13	489	14.186
18/11/2019	11:44:21	238	14.186
18/11/2019	11:46:05	188	14.188
18/11/2019	11:46:14	262	14.188
18/11/2019	11:46:35	269	14.19
18/11/2019	11:48:36	508	14.188
18/11/2019	11:49:08	270	14.19
18/11/2019	11:49:53	142	14.188
18/11/2019	11:50:56	107	14.186
18/11/2019	11:52:31	514	14.192
18/11/2019	11:52:32	178	14.19
18/11/2019	11:55:01	550	14.184
18/11/2019	11:55:13	143	14.18
18/11/2019	11:56:46	272	14.18
18/11/2019	11:58:00	267	14.18
18/11/2019	11:58:06	144	14.178
18/11/2019	11:59:03	144	14.176
18/11/2019	12:03:15	1098	14.176
18/11/2019	12:03:43	145	14.178

18/11/2019	12:03:58	145	14.17
18/11/2019	12:06:31	557	14.176
18/11/2019	12:12:05	98	14.176
18/11/2019	12:16:42	869	14.182
18/11/2019	12:16:43	1520	14.182
18/11/2019	12:18:37	448	14.18
18/11/2019	12:25:11	1572	14.184
18/11/2019	12:28:17	174	14.188
18/11/2019	12:28:17	226	14.188
18/11/2019	12:29:27	374	14.188
18/11/2019	12:32:45	539	14.188
18/11/2019	12:32:48	183	14.188
18/11/2019	12:39:36	81	14.19
18/11/2019	12:39:58	467	14.19
18/11/2019	12:41:08	712	14.19
18/11/2019	12:41:08	153	14.19
18/11/2019	12:46:18	288	14.19
18/11/2019	12:48:58	677	14.19
18/11/2019	12:49:08	80	14.192
18/11/2019	12:49:32	435	14.19
18/11/2019	12:50:57	270	14.188
18/11/2019	12:53:45	899	14.19
18/11/2019	13:00:01	359	14.19
18/11/2019	13:00:13	969	14.188
18/11/2019	13:05:41	232	14.18
18/11/2019	13:06:06	1052	14.18
18/11/2019	13:10:11	568	14.18
18/11/2019	13:10:11	163	14.18
18/11/2019	13:13:10	447	14.18
18/11/2019	13:13:23	175	14.178
18/11/2019	13:14:43	269	14.178
18/11/2019	13:17:33	293	14.18
18/11/2019	13:17:38	383	14.18
18/11/2019	13:18:20	410	14.18
18/11/2019	13:19:17	277	14.178
18/11/2019	13:19:24	142	14.174
18/11/2019	13:20:09	123	14.174
18/11/2019	13:20:42	142	14.174
18/11/2019	13:21:27	276	14.174
18/11/2019	13:21:56	145	14.168
18/11/2019	13:22:40	145	14.162
18/11/2019	13:24:06	213	14.16
18/11/2019	13:24:07	249	14.16
18/11/2019	13:24:47	145	14.158
18/11/2019	13:25:15	170	14.15
18/11/2019	13:25:38	144	14.148
18/11/2019	13:26:08	145	14.148
18/11/2019	13:26:33	144	14.144
18/11/2019	13:27:04	145	14.14
18/11/2019	13:27:53	161	14.14
18/11/2019	13:28:02	145	14.134
18/11/2019	13:29:22	279	14.144
18/11/2019	13:29:22	145	14.144
18/11/2019	13:30:46	210	14.136

18/11/2019	13:30:50	270	14.134
18/11/2019	13:31:21	144	14.132
18/11/2019	13:31:32	145	14.122
18/11/2019	13:32:00	144	14.122
18/11/2019	13:33:12	315	14.122
18/11/2019	13:33:12	63	14.12
18/11/2019	13:33:12	100	14.12
18/11/2019	13:35:07	320	14.134
18/11/2019	13:35:07	388	14.134
18/11/2019	13:35:52	271	14.128
18/11/2019	13:36:25	141	14.118
18/11/2019	13:37:43	300	14.122
18/11/2019	13:37:43	151	14.122
18/11/2019	13:40:29	624	14.126
18/11/2019	13:40:29	275	14.126
18/11/2019	13:41:11	269	14.128
18/11/2019	13:44:38	829	14.134
18/11/2019	13:45:16	228	14.132
18/11/2019	13:47:23	555	14.13
18/11/2019	13:47:32	311	14.13
18/11/2019	13:49:55	732	14.14
18/11/2019	13:50:19	146	14.134
18/11/2019	13:50:44	147	14.13
18/11/2019	13:54:15	1179	14.14
18/11/2019	13:54:43	249	14.14
18/11/2019	13:55:10	312	14.14
18/11/2019	13:57:14	627	14.142
18/11/2019	13:59:35	504	14.142
18/11/2019	13:59:35	177	14.142
18/11/2019	14:00:02	146	14.14
18/11/2019	14:00:23	147	14.138
18/11/2019	14:02:18	100	14.142
18/11/2019	14:02:38	1012	14.142
18/11/2019	14:03:20	296	14.14
18/11/2019	14:04:22	80	14.144
18/11/2019	14:04:24	441	14.144
18/11/2019	14:05:02	164	14.142
18/11/2019	14:05:13	349	14.14
18/11/2019	14:06:15	276	14.14
18/11/2019	14:07:13	276	14.132
18/11/2019	14:07:56	249	14.136
18/11/2019	14:09:32	322	14.132
18/11/2019	14:13:07	1119	14.14
18/11/2019	14:14:54	406	14.14
18/11/2019	14:16:09	496	14.142
18/11/2019	14:16:50	274	14.142
18/11/2019	14:19:55	902	14.14
18/11/2019	14:24:38	1008	14.138
18/11/2019	14:24:55	600	14.138
18/11/2019	14:25:32	196	14.138
18/11/2019	14:28:44	915	14.136
18/11/2019	14:30:12	515	14.132
18/11/2019	14:30:43	278	14.128
18/11/2019	14:32:03	719	14.136



18/11/2019	14:33:39	183	14.134
18/11/2019	14:33:39	6	14.134
18/11/2019	14:34:11	757	14.132
18/11/2019	14:34:14	662	14.13
18/11/2019	14:34:41	311	14.122
18/11/2019	14:35:19	300	14.122
18/11/2019	14:35:50	297	14.118
18/11/2019	14:36:03	147	14.116
18/11/2019	14:36:24	148	14.114
18/11/2019	14:36:39	148	14.108
18/11/2019	14:38:01	686	14.114
18/11/2019	14:38:17	148	14.112
18/11/2019	14:40:03	556	14.112
18/11/2019	14:40:04	365	14.112
18/11/2019	14:40:21	144	14.104
18/11/2019	14:40:57	145	14.094
18/11/2019	14:41:51	426	14.104
18/11/2019	14:42:31	282	14.104
18/11/2019	14:43:10	145	14.104
18/11/2019	14:43:20	144	14.102
18/11/2019	14:43:54	145	14.098
18/11/2019	14:44:14	144	14.098
18/11/2019	14:44:21	144	14.1
18/11/2019	14:44:54	145	14.096
18/11/2019	14:45:27	294	14.096
18/11/2019	14:46:00	284	14.098
18/11/2019	14:47:08	438	14.094
18/11/2019	14:47:08	164	14.094
18/11/2019	14:48:22	679	14.094
18/11/2019	14:48:58	292	14.094
18/11/2019	14:49:39	284	14.088
18/11/2019	14:49:58	146	14.086
18/11/2019	14:51:12	531	14.084
18/11/2019	14:52:31	589	14.084
18/11/2019	14:53:58	534	14.086
18/11/2019	14:54:57	534	14.086
18/11/2019	14:55:36	294	14.084
18/11/2019	14:55:52	145	14.078
18/11/2019	14:56:17	144	14.076
18/11/2019	14:58:11	829	14.076
18/11/2019	14:58:12	144	14.074
18/11/2019	14:58:34	145	14.07
18/11/2019	14:59:38	491	14.086
18/11/2019	15:00:07	284	14.086
18/11/2019	15:00:59	254	14.096
18/11/2019	15:01:07	184	14.094
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18/11/2019	15:05:23	550	14.1
18/11/2019	15:05:24	178	14.1
18/11/2019	15:05:24	181	14.1
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18/11/2019	15:06:52	195	14.104
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18/11/2019	15:11:53	143	14.108
18/11/2019	15:13:12	636	14.112
18/11/2019	15:13:36	143	14.108
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18/11/2019	15:19:17	263	14.092
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18/11/2019	15:22:07	433	14.1
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18/11/2019	15:25:34	286	14.082
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18/11/2019	15:27:31	34	14.08
18/11/2019	15:27:47	511	14.08
18/11/2019	15:27:52	192	14.08
18/11/2019	15:28:08	184	14.082
18/11/2019	15:28:23	146	14.082
18/11/2019	15:28:57	146	14.08
18/11/2019	15:30:24	544	14.078
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18/11/2019	15:33:17	290	14.088
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18/11/2019	15:34:03	142	14.086
18/11/2019	15:35:07	448	14.084
18/11/2019	15:35:29	146	14.082
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18/11/2019	15:40:57	203	14.072
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18/11/2019	16:01:37	191	14.068
18/11/2019	16:01:37	142	14.068
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18/11/2019	16:10:22	577	14.064
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19/11/2019	09:51:53	153	14.184
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19/11/2019	11:14:41	271	14.152
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19/11/2019	11:22:49	803	14.148
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19/11/2019	11:25:07	489	14.146
19/11/2019	11:25:11	323	14.146
19/11/2019	11:26:01	279	14.146
19/11/2019	11:26:20	141	14.144
19/11/2019	11:28:23	525	14.148
19/11/2019	11:28:23	172	14.148
19/11/2019	11:28:26	94	14.15
19/11/2019	11:30:00	339	14.142
19/11/2019	11:32:40	945	14.148
19/11/2019	11:35:13	919	14.146
19/11/2019	11:35:32	144	14.144
19/11/2019	11:38:30	752	14.152
19/11/2019	11:39:33	136	14.146
19/11/2019	11:40:24	369	14.148
19/11/2019	11:43:00	592	14.142
19/11/2019	11:43:50	265	14.14
19/11/2019	11:44:54	296	14.136
19/11/2019	11:45:45	267	14.136
19/11/2019	11:49:57	19	14.144
19/11/2019	11:49:57	817	14.144
19/11/2019	11:50:32	428	14.142
19/11/2019	11:50:32	319	14.142
19/11/2019	11:52:00	270	14.138
19/11/2019	11:52:48	241	14.134
19/11/2019	11:53:51	266	14.134
19/11/2019	11:55:00	295	14.134
19/11/2019	11:56:06	270	14.132
19/11/2019	11:57:45	314	14.134
19/11/2019	12:00:10	374	14.132
19/11/2019	12:00:23	275	14.132
19/11/2019	12:01:56	503	14.132
19/11/2019	12:03:20	269	14.126
19/11/2019	12:03:20	142	14.126
19/11/2019	12:04:37	269	14.128
19/11/2019	12:07:36	613	14.134
19/11/2019	12:09:26	477	14.132
19/11/2019	12:12:13	479	14.13
19/11/2019	12:15:34	152	14.14
19/11/2019	12:15:34	653	14.14
19/11/2019	12:16:39	50	14.138
19/11/2019	12:17:59	634	14.138
19/11/2019	12:19:02	262	14.138
19/11/2019	12:19:02	156	14.138
19/11/2019	12:21:58	412	14.136
19/11/2019	12:21:58	229	14.136
19/11/2019	12:22:35	141	14.134

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19/11/2019	12:31:10	141	14.128
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19/11/2019	12:39:48	143	14.13
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19/11/2019	12:43:25	166	14.128
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19/11/2019	12:52:28	499	14.132
19/11/2019	12:52:59	143	14.13
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19/11/2019	13:30:39	141	14.116
19/11/2019	13:31:13	277	14.114
19/11/2019	13:32:42	508	14.114
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19/11/2019	13:56:23	276	14.088
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19/11/2019	14:35:32	149	14.072
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19/11/2019	14:41:58	220	14.06
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19/11/2019	15:02:15	142	14.026
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19/11/2019	15:36:21	290	13.998
19/11/2019	15:36:47	142	13.994
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19/11/2019	15:39:48	471	13.994
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19/11/2019	15:45:22	345	13.988
19/11/2019	15:45:22	246	13.988
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19/11/2019	15:54:00	166	13.974
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19/11/2019	15:54:54	147	13.974
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20/11/2019	08:01:45	163	13.86
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20/11/2019	08:02:19	161	13.85
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20/11/2019	08:02:45	287	13.834
20/11/2019	08:02:49	146	13.836
20/11/2019	08:02:49	186	13.834
20/11/2019	08:03:04	325	13.836
20/11/2019	08:03:05	162	13.828
20/11/2019	08:03:25	396	13.832
20/11/2019	08:03:44	145	13.842
20/11/2019	08:03:44	238	13.842
20/11/2019	08:03:55	200	13.838
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20/11/2019	08:04:32	243	13.834
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20/11/2019	08:05:26	420	13.85
20/11/2019	08:05:34	162	13.854
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20/11/2019	08:08:50	645	13.844
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20/11/2019	08:10:14	318	13.85
20/11/2019	08:10:29	442	13.848
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20/11/2019	08:11:10	157	13.836
20/11/2019	08:11:17	146	13.828
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20/11/2019	08:11:38	146	13.832
20/11/2019	08:11:53	146	13.83
20/11/2019	08:11:56	147	13.826
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20/11/2019	08:12:09	146	13.82
20/11/2019	08:12:49	8	13.826
20/11/2019	08:13:33	145	13.83
20/11/2019	08:13:34	500	13.828
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20/11/2019	08:13:34	512	13.828
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20/11/2019	08:13:55	146	13.824
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20/11/2019	08:14:33	374	13.822
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20/11/2019	08:14:51	147	13.814
20/11/2019	08:14:52	146	13.812
20/11/2019	08:15:14	276	13.812
20/11/2019	08:15:27	144	13.808
20/11/2019	08:15:39	237	13.814
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20/11/2019	08:15:56	144	13.814
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20/11/2019	08:16:59	260	13.82
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20/11/2019	08:17:05	144	13.816
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20/11/2019	08:17:32	145	13.82
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20/11/2019	11:06:38	379	13.838
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20/11/2019	11:07:35	226	13.836
20/11/2019	11:07:42	144	13.834
20/11/2019	11:08:02	146	13.834
20/11/2019	11:08:24	146	13.83
20/11/2019	11:08:42	147	13.826
20/11/2019	11:08:57	146	13.82
20/11/2019	11:09:17	147	13.822



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20/11/2019	11:10:19	149	13.828
20/11/2019	11:10:19	144	13.828
20/11/2019	11:11:51	197	13.832
20/11/2019	11:12:01	275	13.834
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20/11/2019	11:13:52	144	13.836
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20/11/2019	11:15:13	148	13.832
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20/11/2019	11:16:53	148	13.836
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20/11/2019	11:17:43	281	13.832
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20/11/2019	11:37:28	100	13.858
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20/11/2019	11:38:17	146	13.876
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20/11/2019	11:45:52	226	13.866
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20/11/2019	13:58:18	145	13.888
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20/11/2019	15:21:33	283	13.886
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20/11/2019	15:24:24	177	13.882
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20/11/2019	15:40:55	535	13.954
20/11/2019	15:41:21	283	13.952
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20/11/2019	15:42:05	210	13.954
20/11/2019	15:42:21	146	13.952
20/11/2019	15:42:42	264	13.95
20/11/2019	15:44:15	502	13.954
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21/11/2019	13:04:20	142	14.044
21/11/2019	13:06:22	324	14.046
21/11/2019	13:06:22	253	14.046
21/11/2019	13:07:12	277	14.044
21/11/2019	13:07:31	145	14.056
21/11/2019	13:07:32	183	14.058
21/11/2019	13:08:44	146	14.058
21/11/2019	13:13:52	1480	14.064
21/11/2019	13:14:12	144	14.062
21/11/2019	13:16:19	507	14.058
21/11/2019	13:16:19	176	14.058
21/11/2019	13:17:38	491	14.062
21/11/2019	13:17:58	145	14.064
21/11/2019	13:18:50	283	14.062
21/11/2019	13:19:28	283	14.064
21/11/2019	13:19:55	145	14.06
21/11/2019	13:21:30	524	14.058
21/11/2019	13:21:58	143	14.058
21/11/2019	13:22:24	143	14.056
21/11/2019	13:24:40	925	14.06
21/11/2019	13:26:06	509	14.058
21/11/2019	13:28:00	535	14.064
21/11/2019	13:28:22	182	14.064
21/11/2019	13:30:27	616	14.068
21/11/2019	13:30:31	308	14.066
21/11/2019	13:31:19	285	14.066
21/11/2019	13:31:30	142	14.064
21/11/2019	13:32:13	285	14.064
21/11/2019	13:32:58	162	14.066
21/11/2019	13:32:59	63	14.066



21/11/2019	13:33:00	45	14.066
21/11/2019	13:33:42	161	14.066
21/11/2019	13:33:51	314	14.064
21/11/2019	13:34:05	146	14.062
21/11/2019	13:35:22	527	14.062
21/11/2019	13:37:01	561	14.062
21/11/2019	13:37:50	275	14.06
21/11/2019	13:37:59	143	14.058
21/11/2019	13:38:22	143	14.054
21/11/2019	13:38:56	144	14.05
21/11/2019	13:40:23	512	14.054
21/11/2019	13:41:03	266	14.05
21/11/2019	13:41:51	147	14.052
21/11/2019	13:43:27	521	14.058
21/11/2019	13:45:09	22	14.062
21/11/2019	13:45:57	917	14.064
21/11/2019	13:46:47	231	14.066
21/11/2019	13:47:06	146	14.064
21/11/2019	13:48:43	535	14.062
21/11/2019	13:49:53	529	14.06
21/11/2019	13:53:11	382	14.068
21/11/2019	13:53:32	141	14.068
21/11/2019	13:53:32	176	14.068
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21/11/2019	13:53:33	100	14.068
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21/11/2019	13:55:03	163	14.064
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21/11/2019	13:58:04	371	14.066
21/11/2019	13:58:04	174	14.066
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21/11/2019	14:00:22	383	14.072
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21/11/2019	14:02:20	3	14.08
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21/11/2019	14:05:47	673	14.094
21/11/2019	14:06:13	143	14.094
21/11/2019	14:07:04	347	14.102
21/11/2019	14:08:13	304	14.11
21/11/2019	14:08:13	149	14.108
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21/11/2019	14:09:16	110	14.098
21/11/2019	14:09:30	146	14.098
21/11/2019	14:10:31	278	14.098
21/11/2019	14:11:18	282	14.098
21/11/2019	14:11:58	265	14.094
21/11/2019	14:12:30	145	14.092
21/11/2019	14:13:44	504	14.088
21/11/2019	14:15:09	454	14.098
21/11/2019	14:15:42	141	14.096
21/11/2019	14:15:56	141	14.09

21/11/2019	14:16:30	142	14.084
21/11/2019	14:17:59	25	14.086
21/11/2019	14:18:31	30	14.09
21/11/2019	14:20:32	912	14.09
21/11/2019	14:20:50	447	14.09
21/11/2019	14:21:11	310	14.094
21/11/2019	14:21:55	144	14.088
21/11/2019	14:22:31	202	14.088
21/11/2019	14:23:13	312	14.088
21/11/2019	14:24:19	274	14.088
21/11/2019	14:24:31	143	14.088
21/11/2019	14:25:56	521	14.086
21/11/2019	14:26:54	270	14.084
21/11/2019	14:28:00	276	14.086
21/11/2019	14:28:07	190	14.084
21/11/2019	14:29:07	305	14.088
21/11/2019	14:29:19	144	14.086
21/11/2019	14:30:31	545	14.086
21/11/2019	14:30:42	153	14.082
21/11/2019	14:30:52	152	14.082
21/11/2019	14:31:01	178	14.084
21/11/2019	14:31:25	292	14.082
21/11/2019	14:31:51	292	14.08
21/11/2019	14:32:01	152	14.078
21/11/2019	14:33:05	547	14.084
21/11/2019	14:33:05	279	14.084
21/11/2019	14:33:30	292	14.08
21/11/2019	14:33:55	292	14.086
21/11/2019	14:35:09	546	14.088
21/11/2019	14:35:09	365	14.088
21/11/2019	14:35:23	156	14.094
21/11/2019	14:36:01	263	14.096
21/11/2019	14:36:01	154	14.096
21/11/2019	14:36:01	39	14.096
21/11/2019	14:36:56	570	14.102
21/11/2019	14:37:08	150	14.102
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21/11/2019	14:40:14	426	14.108
21/11/2019	14:40:14	839	14.108
21/11/2019	14:40:15	497	14.104
21/11/2019	14:40:23	148	14.102
21/11/2019	14:40:59	295	14.1
21/11/2019	14:41:25	148	14.1
21/11/2019	14:41:36	130	14.1
21/11/2019	14:42:00	148	14.1
21/11/2019	14:42:02	147	14.098
21/11/2019	14:42:19	148	14.092
21/11/2019	14:42:52	148	14.084
21/11/2019	14:42:53	147	14.084
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21/11/2019	14:47:20	1005	14.096
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21/11/2019	14:48:14	552	14.088
21/11/2019	14:48:37	146	14.088

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21/11/2019	14:50:06	500	14.09
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21/11/2019	14:51:31	149	14.088
21/11/2019	14:52:00	140	14.09
21/11/2019	14:52:02	148	14.088
21/11/2019	14:52:16	143	14.088
21/11/2019	14:52:51	255	14.086
21/11/2019	14:53:16	211	14.09
21/11/2019	14:53:30	149	14.082
21/11/2019	14:54:02	238	14.082
21/11/2019	14:54:11	149	14.082
21/11/2019	14:54:29	150	14.082
21/11/2019	14:54:46	149	14.08
21/11/2019	14:55:14	216	14.07
21/11/2019	14:56:07	300	14.07
21/11/2019	14:57:37	857	14.076
21/11/2019	14:57:42	196	14.076
21/11/2019	14:59:34	690	14.082
21/11/2019	14:59:48	365	14.082
21/11/2019	15:00:03	328	14.08
21/11/2019	15:00:16	144	14.078
21/11/2019	15:00:56	289	14.074
21/11/2019	15:01:11	288	14.072
21/11/2019	15:01:27	145	14.064
21/11/2019	15:02:04	289	14.07
21/11/2019	15:02:15	144	14.07
21/11/2019	15:03:32	742	14.08
21/11/2019	15:04:47	18	14.082
21/11/2019	15:04:47	60	14.082
21/11/2019	15:04:54	149	14.082
21/11/2019	15:05:17	516	14.078
21/11/2019	15:05:17	406	14.078
21/11/2019	15:06:17	60	14.088
21/11/2019	15:06:17	367	14.088
21/11/2019	15:06:45	294	14.088
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21/11/2019	15:09:23	312	14.084
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21/11/2019	15:12:00	675	14.086
21/11/2019	15:12:00	132	14.086
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21/11/2019	15:14:48	450	14.088
21/11/2019	15:14:48	17	14.088
21/11/2019	15:15:08	283	14.088
21/11/2019	15:15:51	322	14.088
21/11/2019	15:16:34	168	14.088
21/11/2019	15:16:45	230	14.088
21/11/2019	15:16:49	143	14.086
21/11/2019	15:17:30	280	14.072

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21/11/2019	15:18:55	160	14.066
21/11/2019	15:19:24	280	14.066
21/11/2019	15:19:53	144	14.064
21/11/2019	15:19:57	144	14.062
21/11/2019	15:20:26	148	14.062
21/11/2019	15:20:34	144	14.06
21/11/2019	15:21:46	532	14.06
21/11/2019	15:22:11	144	14.058
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21/11/2019	15:23:17	273	14.054
21/11/2019	15:23:59	282	14.052
21/11/2019	15:25:01	288	14.052
21/11/2019	15:25:05	198	14.05
21/11/2019	15:26:03	526	14.056
21/11/2019	15:27:50	753	14.054
21/11/2019	15:28:31	496	14.056
21/11/2019	15:28:31	164	14.056
21/11/2019	15:29:18	283	14.056
21/11/2019	15:29:27	145	14.052
21/11/2019	15:29:34	146	14.05
21/11/2019	15:31:19	754	14.06
21/11/2019	15:31:19	307	14.06
21/11/2019	15:32:13	552	14.056
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21/11/2019	15:34:29	334	14.056
21/11/2019	15:35:03	260	14.056
21/11/2019	15:35:18	130	14.056
21/11/2019	15:35:18	102	14.056
21/11/2019	15:35:39	150	14.058
21/11/2019	15:36:27	337	14.06
21/11/2019	15:37:27	325	14.062
21/11/2019	15:37:27	384	14.062
21/11/2019	15:39:39	768	14.072
21/11/2019	15:39:42	366	14.072
21/11/2019	15:40:17	298	14.07
21/11/2019	15:40:53	261	14.07
21/11/2019	15:42:44	629	14.08
21/11/2019	15:42:44	34	14.08
21/11/2019	15:42:44	142	14.08
21/11/2019	15:43:00	432	14.078
21/11/2019	15:43:58	521	14.078
21/11/2019	15:43:58	184	14.078
21/11/2019	15:45:14	502	14.082
21/11/2019	15:45:23	284	14.078
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21/11/2019	15:49:28	282	14.084
21/11/2019	15:50:15	1282	14.08
21/11/2019	15:50:15	389	14.082
21/11/2019	15:50:42	462	14.078
21/11/2019	15:51:17	206	14.072
21/11/2019	15:51:40	207	14.078

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21/11/2019	15:52:37	148	14.074
21/11/2019	15:53:50	536	14.07
21/11/2019	15:53:55	157	14.07
21/11/2019	15:54:35	289	14.074
21/11/2019	15:55:29	407	14.072
21/11/2019	15:55:48	286	14.072
21/11/2019	15:56:28	297	14.07
21/11/2019	15:56:28	168	14.07
21/11/2019	15:57:43	563	14.074
21/11/2019	16:00:08	1432	14.088
21/11/2019	16:00:44	437	14.086
21/11/2019	16:01:14	317	14.084
21/11/2019	16:01:20	169	14.084
21/11/2019	16:01:39	271	14.082
21/11/2019	16:02:09	271	14.078
21/11/2019	16:02:19	146	14.074
21/11/2019	16:02:34	192	14.072
21/11/2019	16:03:32	31	14.072
21/11/2019	16:04:16	697	14.088
21/11/2019	16:04:57	819	14.084
21/11/2019	16:06:03	162	14.084
21/11/2019	16:06:13	518	14.084
21/11/2019	16:07:05	544	14.086
22/11/2019	08:00:07	141	14.12
22/11/2019	08:01:00	713	14.12
22/11/2019	08:01:00	148	14.12
22/11/2019	08:01:08	225	14.11
22/11/2019	08:01:41	433	14.116
22/11/2019	08:01:41	284	14.116
22/11/2019	08:01:49	142	14.112
22/11/2019	08:03:04	450	14.13
22/11/2019	08:03:14	715	14.128
22/11/2019	08:03:14	456	14.128
22/11/2019	08:03:16	160	14.128
22/11/2019	08:04:18	906	14.134
22/11/2019	08:04:18	382	14.13
22/11/2019	08:04:32	185	14.13
22/11/2019	08:05:07	511	14.126
22/11/2019	08:05:11	264	14.126
22/11/2019	08:05:30	284	14.132
22/11/2019	08:06:10	308	14.13
22/11/2019	08:06:37	352	14.138
22/11/2019	08:06:42	444	14.138
22/11/2019	08:07:08	358	14.144
22/11/2019	08:07:23	284	14.146
22/11/2019	08:07:50	283	14.144
22/11/2019	08:08:13	299	14.156
22/11/2019	08:08:13	164	14.156
22/11/2019	08:08:33	284	14.162
22/11/2019	08:08:43	149	14.16
22/11/2019	08:08:53	149	14.168
22/11/2019	08:09:53	546	14.162
22/11/2019	08:10:29	859	14.172

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22/11/2019	08:11:05	283	14.174
22/11/2019	08:11:27	283	14.172
22/11/2019	08:11:50	282	14.18
22/11/2019	08:11:59	148	14.18
22/11/2019	08:12:07	148	14.18
22/11/2019	08:12:18	148	14.18
22/11/2019	08:12:41	283	14.188
22/11/2019	08:12:53	148	14.186
22/11/2019	08:13:19	49	14.19
22/11/2019	08:13:19	355	14.19
22/11/2019	08:13:36	148	14.188
22/11/2019	08:13:42	148	14.186
22/11/2019	08:14:15	283	14.184
22/11/2019	08:14:19	175	14.184
22/11/2019	08:14:25	148	14.182
22/11/2019	08:14:53	323	14.18
22/11/2019	08:15:02	131	14.186
22/11/2019	08:15:02	17	14.186
22/11/2019	08:15:19	226	14.208
22/11/2019	08:15:32	150	14.2
22/11/2019	08:15:51	151	14.202
22/11/2019	08:15:54	150	14.202
22/11/2019	08:16:18	226	14.206
22/11/2019	08:16:25	150	14.206
22/11/2019	08:17:13	434	14.204
22/11/2019	08:17:14	181	14.206
22/11/2019	08:17:28	151	14.2
22/11/2019	08:18:06	4	14.2
22/11/2019	08:18:12	548	14.206
22/11/2019	08:18:55	388	14.204
22/11/2019	08:18:55	151	14.204
22/11/2019	08:19:11	226	14.206
22/11/2019	08:19:26	175	14.208
22/11/2019	08:19:40	151	14.214
22/11/2019	08:20:00	288	14.226
22/11/2019	08:20:09	142	14.238
22/11/2019	08:20:23	142	14.24
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22/11/2019	08:21:23	185	14.256
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22/11/2019	08:21:44	143	14.26
22/11/2019	08:21:53	143	14.26
22/11/2019	08:22:03	143	14.258
22/11/2019	08:22:14	142	14.258
22/11/2019	08:22:23	143	14.25
22/11/2019	08:22:51	286	14.254
22/11/2019	08:22:57	143	14.256
22/11/2019	08:23:07	143	14.252
22/11/2019	08:23:51	528	14.254
22/11/2019	08:24:11	329	14.252

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22/11/2019	08:24:55	343	14.26
22/11/2019	08:25:00	143	14.256
22/11/2019	08:25:22	148	14.254
22/11/2019	08:25:35	144	14.254
22/11/2019	08:25:44	145	14.25
22/11/2019	08:26:19	290	14.252
22/11/2019	08:26:39	145	14.248
22/11/2019	08:27:00	15	14.236
22/11/2019	08:27:01	129	14.236
22/11/2019	08:27:13	179	14.244
22/11/2019	08:28:15	366	14.246
22/11/2019	08:28:50	341	14.246
22/11/2019	08:29:22	335	14.252
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22/11/2019	08:30:21	140	14.248
22/11/2019	08:30:55	272	14.256
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22/11/2019	08:31:40	223	14.25
22/11/2019	08:32:06	50	14.24
22/11/2019	08:32:11	222	14.242
22/11/2019	08:32:37	140	14.236
22/11/2019	08:32:46	140	14.232
22/11/2019	08:33:08	198	14.23
22/11/2019	08:33:26	140	14.232
22/11/2019	08:34:04	272	14.236
22/11/2019	08:34:41	210	14.226
22/11/2019	08:34:41	152	14.226
22/11/2019	08:35:00	50	14.22
22/11/2019	08:35:19	189	14.218
22/11/2019	08:35:39	287	14.222
22/11/2019	08:37:28	667	14.228
22/11/2019	08:37:29	441	14.228
22/11/2019	08:37:32	398	14.226
22/11/2019	08:37:33	268	14.226
22/11/2019	08:38:14	234	14.22
22/11/2019	08:38:48	434	14.216
22/11/2019	08:38:52	130	14.214
22/11/2019	08:39:08	284	14.214
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22/11/2019	08:39:11	141	14.214
22/11/2019	08:39:24	138	14.214
22/11/2019	08:41:48	142	14.202
22/11/2019	08:42:46	420	14.206
22/11/2019	08:43:52	420	14.208
22/11/2019	08:43:52	239	14.208
22/11/2019	08:44:51	408	14.212
22/11/2019	08:45:36	300	14.218
22/11/2019	08:45:36	66	14.218
22/11/2019	08:46:06	273	14.218
22/11/2019	08:46:13	140	14.216
22/11/2019	08:46:44	140	14.212
22/11/2019	08:47:05	140	14.212

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22/11/2019	08:48:39	529	14.216
22/11/2019	08:49:44	283	14.226
22/11/2019	08:50:10	420	14.23
22/11/2019	08:50:31	209	14.236
22/11/2019	08:50:54	147	14.232
22/11/2019	08:51:36	250	14.234
22/11/2019	08:52:28	559	14.24
22/11/2019	08:52:32	140	14.236
22/11/2019	08:53:16	287	14.236
22/11/2019	08:53:23	147	14.234
22/11/2019	08:54:11	270	14.238
22/11/2019	08:54:13	157	14.236
22/11/2019	08:54:40	148	14.234
22/11/2019	08:54:46	147	14.232
22/11/2019	08:55:28	283	14.23
22/11/2019	08:55:49	145	14.226
22/11/2019	08:56:21	145	14.228
22/11/2019	08:56:37	145	14.226
22/11/2019	08:57:33	230	14.222
22/11/2019	08:58:16	350	14.22
22/11/2019	08:58:53	50	14.22
22/11/2019	08:59:04	299	14.216
22/11/2019	08:59:38	284	14.214
22/11/2019	09:00:13	261	14.206
22/11/2019	09:00:44	110	14.21
22/11/2019	09:00:44	182	14.21
22/11/2019	09:00:52	147	14.208
22/11/2019	09:01:27	260	14.21
22/11/2019	09:01:48	293	14.206
22/11/2019	09:02:16	271	14.202
22/11/2019	09:02:28	146	14.2
22/11/2019	09:02:48	146	14.2
22/11/2019	09:02:51	147	14.2
22/11/2019	09:03:23	323	14.196
22/11/2019	09:03:43	167	14.196
22/11/2019	09:04:10	292	14.206
22/11/2019	09:04:32	147	14.202
22/11/2019	09:04:34	146	14.198
22/11/2019	09:05:23	125	14.2
22/11/2019	09:05:29	280	14.2
22/11/2019	09:06:51	525	14.206
22/11/2019	09:06:51	176	14.206
22/11/2019	09:07:12	141	14.206
22/11/2019	09:08:06	378	14.208
22/11/2019	09:08:16	142	14.204
22/11/2019	09:08:52	315	14.202
22/11/2019	09:09:28	284	14.198
22/11/2019	09:09:45	141	14.19
22/11/2019	09:10:09	16	14.18
22/11/2019	09:10:54	301	14.184
22/11/2019	09:11:04	211	14.182
22/11/2019	09:11:34	254	14.18



22/11/2019	09:12:55	317	14.18
22/11/2019	09:13:21	395	14.18
22/11/2019	09:13:41	141	14.176
22/11/2019	09:14:02	141	14.168
22/11/2019	09:14:33	254	14.158
22/11/2019	09:16:30	699	14.156
22/11/2019	09:17:00	225	14.15
22/11/2019	09:17:11	144	14.142
22/11/2019	09:17:37	146	14.146
22/11/2019	09:17:56	145	14.142
22/11/2019	09:19:05	316	14.15
22/11/2019	09:19:05	152	14.15
22/11/2019	09:19:37	145	14.14
22/11/2019	09:20:01	164	14.138
22/11/2019	09:21:08	249	14.132
22/11/2019	09:22:06	230	14.14
22/11/2019	09:22:16	145	14.14
22/11/2019	09:22:21	214	14.138
22/11/2019	09:23:05	277	14.14
22/11/2019	09:23:40	196	14.154
22/11/2019	09:24:15	144	14.148
22/11/2019	09:24:31	144	14.148
22/11/2019	09:27:51	100	14.164
22/11/2019	09:27:51	654	14.164
22/11/2019	09:28:02	479	14.164
22/11/2019	09:28:37	285	14.164
22/11/2019	09:29:41	391	14.172
22/11/2019	09:30:00	146	14.168
22/11/2019	09:30:23	142	14.172
22/11/2019	09:30:45	169	14.166
22/11/2019	09:31:07	146	14.158
22/11/2019	09:31:19	147	14.154
22/11/2019	09:31:40	146	14.156
22/11/2019	09:32:05	169	14.15
22/11/2019	09:32:40	146	14.148
22/11/2019	09:32:42	147	14.148
22/11/2019	09:33:12	146	14.144
22/11/2019	09:33:53	213	14.142
22/11/2019	09:34:06	161	14.14
22/11/2019	09:35:26	583	14.148
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22/11/2019	09:39:52	945	14.16
22/11/2019	09:40:03	499	14.158
22/11/2019	09:40:04	311	14.156
22/11/2019	09:41:36	357	14.152
22/11/2019	09:41:42	221	14.152
22/11/2019	09:41:58	145	14.152
22/11/2019	09:42:07	145	14.154
22/11/2019	09:43:01	282	14.152
22/11/2019	09:43:01	145	14.152
22/11/2019	09:43:26	144	14.152
22/11/2019	09:43:41	3	14.152
22/11/2019	09:43:41	142	14.152
22/11/2019	09:44:36	296	14.156

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22/11/2019	09:45:17	141	14.148
22/11/2019	09:45:39	143	14.15
22/11/2019	09:47:10	505	14.15
22/11/2019	09:48:25	271	14.148
22/11/2019	09:48:44	196	14.152
22/11/2019	09:50:05	372	14.15
22/11/2019	09:50:52	277	14.148
22/11/2019	09:51:33	275	14.15
22/11/2019	09:53:18	549	14.144
22/11/2019	09:56:10	566	14.142
22/11/2019	09:56:10	363	14.142
22/11/2019	09:56:24	144	14.14
22/11/2019	09:58:10	557	14.152
22/11/2019	09:58:43	144	14.156
22/11/2019	09:59:44	271	14.156
22/11/2019	09:59:51	143	14.156
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22/11/2019	10:04:05	410	14.146
22/11/2019	10:05:00	270	14.146
22/11/2019	10:05:00	166	14.146
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22/11/2019	10:07:35	415	14.142
22/11/2019	10:07:35	235	14.142
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22/11/2019	10:10:06	146	14.138
22/11/2019	10:10:34	141	14.132
22/11/2019	10:11:14	146	14.132
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22/11/2019	10:13:01	152	14.128
22/11/2019	10:13:49	199	14.13
22/11/2019	10:14:57	314	14.132
22/11/2019	10:15:50	448	14.136
22/11/2019	10:16:40	354	14.138
22/11/2019	10:18:02	379	14.134
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22/11/2019	10:25:25	248	14.136
22/11/2019	10:25:31	150	14.134
22/11/2019	10:26:38	240	14.128
22/11/2019	10:26:38	30	14.128
22/11/2019	10:27:17	142	14.124
22/11/2019	10:28:10	270	14.122
22/11/2019	10:29:00	161	14.122

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22/11/2019	10:30:13	171	14.12
22/11/2019	10:30:26	400	14.118
22/11/2019	10:30:26	166	14.118
22/11/2019	10:30:26	814	14.118
22/11/2019	10:30:26	154	14.118
22/11/2019	10:30:26	3466	14.118
22/11/2019	10:30:26	147	14.118
22/11/2019	10:39:24	4	14.108
22/11/2019	10:39:24	137	14.108
22/11/2019	10:41:40	1014	14.118
22/11/2019	10:41:47	50	14.116
22/11/2019	10:41:47	95	14.116
22/11/2019	10:41:55	144	14.116
22/11/2019	10:41:56	288	14.116
22/11/2019	10:43:15	147	14.114
22/11/2019	10:44:53	387	14.116
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22/11/2019	10:47:50	326	14.116
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22/11/2019	10:50:00	641	14.112
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22/11/2019	10:51:01	142	14.118
22/11/2019	10:51:49	351	14.118
22/11/2019	10:52:02	142	14.118
22/11/2019	10:55:02	1157	14.128
22/11/2019	10:55:02	193	14.126
22/11/2019	10:56:12	281	14.124
22/11/2019	10:56:49	281	14.122
22/11/2019	10:58:27	518	14.124
22/11/2019	10:58:55	144	14.12
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22/11/2019	11:01:30	328	14.112
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22/11/2019	11:04:12	148	14.118
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22/11/2019	11:12:34	549	14.122
22/11/2019	11:12:34	174	14.122
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22/11/2019	11:23:40	1459	14.12
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22/11/2019	11:28:55	1696	14.126
22/11/2019	11:29:26	141	14.124
22/11/2019	11:31:24	612	14.13
22/11/2019	11:33:22	493	14.128

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22/11/2019	11:41:22	96	14.124
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22/11/2019	11:42:12	567	14.124
22/11/2019	11:42:12	111	14.124
22/11/2019	11:42:39	23	14.12
22/11/2019	11:42:51	795	14.118
22/11/2019	11:44:00	270	14.118
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22/11/2019	11:46:36	582	14.118
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22/11/2019	11:48:12	144	14.116
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22/11/2019	11:50:50	143	14.108
22/11/2019	11:52:54	544	14.11
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22/11/2019	11:58:06	434	14.112
22/11/2019	11:59:11	47	14.108
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22/11/2019	12:00:10	141	14.106
22/11/2019	12:00:47	275	14.11
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22/11/2019	12:02:43	185	14.108
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22/11/2019	12:18:48	216	14.104
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22/11/2019	12:21:00	497	14.102
22/11/2019	12:23:06	480	14.108
22/11/2019	12:28:30	864	14.108
22/11/2019	12:30:34	430	14.112
22/11/2019	12:33:06	308	14.108
22/11/2019	12:34:15	359	14.108
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22/11/2019	12:38:02	165	14.106
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22/11/2019	12:43:31	262	14.106

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22/11/2019	12:49:34	770	14.102
22/11/2019	12:50:38	141	14.096
22/11/2019	12:51:09	141	14.094
22/11/2019	12:52:20	273	14.092
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22/11/2019	12:54:50	299	14.092
22/11/2019	12:54:53	192	14.092
22/11/2019	12:55:34	141	14.09
22/11/2019	12:58:49	300	14.088
22/11/2019	12:58:49	224	14.088
22/11/2019	13:00:17	272	14.084
22/11/2019	13:00:53	145	14.084
22/11/2019	13:01:33	144	14.084
22/11/2019	13:02:07	141	14.086
22/11/2019	13:03:16	274	14.084
22/11/2019	13:11:38	967	14.09
22/11/2019	13:11:51	493	14.09
22/11/2019	13:16:24	789	14.086
22/11/2019	13:16:24	274	14.086
22/11/2019	13:17:15	268	14.088
22/11/2019	13:19:49	500	14.084
22/11/2019	13:19:49	320	14.08
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22/11/2019	13:22:37	517	14.078
22/11/2019	13:22:37	263	14.08
22/11/2019	13:24:02	265	14.076
22/11/2019	13:24:03	180	14.076
22/11/2019	13:24:41	142	14.074
22/11/2019	13:27:08	490	14.066
22/11/2019	13:27:30	314	14.066
22/11/2019	13:28:09	269	14.068
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22/11/2019	13:32:02	337	14.08
22/11/2019	13:32:08	527	14.078
22/11/2019	13:32:15	164	14.08
22/11/2019	13:35:22	300	14.074
22/11/2019	13:37:24	747	14.074
22/11/2019	13:38:03	274	14.07
22/11/2019	13:41:20	557	14.066
22/11/2019	13:43:04	625	14.068
22/11/2019	13:43:04	146	14.068
22/11/2019	13:44:33	449	14.074
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22/11/2019	13:45:07	316	14.076
22/11/2019	13:48:25	179	14.072
22/11/2019	13:48:25	201	14.07
22/11/2019	13:50:37	604	14.07
22/11/2019	13:50:58	143	14.068
22/11/2019	13:51:53	31	14.068
22/11/2019	13:52:01	416	14.068
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22/11/2019	13:55:03	143	14.07
22/11/2019	13:57:09	461	14.076
22/11/2019	14:01:25	137	14.076
22/11/2019	14:01:33	154	14.078
22/11/2019	14:01:55	325	14.076
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22/11/2019	14:04:32	300	14.082
22/11/2019	14:05:34	351	14.08
22/11/2019	14:05:35	16	14.08
22/11/2019	14:05:50	135	14.08
22/11/2019	14:07:18	250	14.084
22/11/2019	14:08:03	52	14.084
22/11/2019	14:08:03	320	14.084
22/11/2019	14:08:04	64	14.084
22/11/2019	14:08:37	720	14.082
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22/11/2019	14:12:24	969	14.078
22/11/2019	14:12:36	145	14.076
22/11/2019	14:13:19	145	14.072
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22/11/2019	14:19:51	117	14.074
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22/11/2019	14:22:55	337	14.072
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22/11/2019	14:24:13	269	14.07
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22/11/2019	14:30:00	657	14.084
22/11/2019	14:30:13	146	14.08
22/11/2019	14:30:56	40	14.086
22/11/2019	14:31:02	449	14.092
22/11/2019	14:32:22	832	14.098
22/11/2019	14:32:32	146	14.096
22/11/2019	14:33:02	291	14.092
22/11/2019	14:33:23	146	14.088
22/11/2019	14:33:40	260	14.092
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22/11/2019	14:36:12	232	14.08
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22/11/2019	14:37:02	299	14.084
22/11/2019	14:37:36	299	14.082

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22/11/2019	14:39:27	563	14.07
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22/11/2019	14:41:07	562	14.076
22/11/2019	14:42:05	434	14.08
22/11/2019	14:43:14	525	14.078
22/11/2019	14:43:50	145	14.08
22/11/2019	14:44:12	284	14.08
22/11/2019	14:45:57	654	14.084
22/11/2019	14:45:57	145	14.084
22/11/2019	14:47:10	415	14.084
22/11/2019	14:47:10	225	14.084
22/11/2019	14:47:26	146	14.082
22/11/2019	14:51:36	735	14.088
22/11/2019	14:52:23	1500	14.094
22/11/2019	14:52:31	141	14.098
22/11/2019	14:52:47	144	14.096
22/11/2019	14:53:53	300	14.1
22/11/2019	14:53:59	182	14.1
22/11/2019	14:55:10	310	14.102
22/11/2019	14:56:09	394	14.106
22/11/2019	14:56:14	260	14.106
22/11/2019	14:56:35	145	14.102
22/11/2019	14:57:20	444	14.11
22/11/2019	14:57:45	145	14.106
22/11/2019	14:58:23	96	14.104
22/11/2019	14:58:47	310	14.1
22/11/2019	14:58:51	145	14.098
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22/11/2019	14:59:50	150	14.094
22/11/2019	14:59:51	153	14.094
22/11/2019	15:00:10	12	14.09
22/11/2019	15:00:29	324	14.09
22/11/2019	15:01:08	279	14.09
22/11/2019	15:01:58	397	14.09
22/11/2019	15:03:19	525	14.092
22/11/2019	15:03:24	243	14.09
22/11/2019	15:04:00	287	14.088
22/11/2019	15:05:40	541	14.09
22/11/2019	15:05:40	273	14.09
22/11/2019	15:06:01	146	14.088
22/11/2019	15:06:19	146	14.088
22/11/2019	15:07:58	510	14.088
22/11/2019	15:07:58	183	14.088
22/11/2019	15:08:29	146	14.082
22/11/2019	15:08:56	284	14.08
22/11/2019	15:09:20	146	14.072
22/11/2019	15:09:42	167	14.07
22/11/2019	15:09:53	146	14.068
22/11/2019	15:10:21	142	14.07
22/11/2019	15:11:52	513	14.078
22/11/2019	15:11:52	222	14.078
22/11/2019	15:14:01	978	14.076

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22/11/2019	15:15:02	145	14.072
22/11/2019	15:16:05	284	14.07
22/11/2019	15:16:05	201	14.07
22/11/2019	15:17:50	525	14.072
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22/11/2019	15:19:19	229	14.072
22/11/2019	15:19:35	146	14.07
22/11/2019	15:23:06	88	14.074
22/11/2019	15:24:05	510	14.074
22/11/2019	15:24:08	229	14.074
22/11/2019	15:24:09	925	14.072
22/11/2019	15:24:55	7	14.068
22/11/2019	15:24:55	62	14.068
22/11/2019	15:25:08	5	14.068
22/11/2019	15:25:30	429	14.07
22/11/2019	15:26:00	149	14.066
22/11/2019	15:26:11	142	14.064
22/11/2019	15:28:06	530	14.066
22/11/2019	15:28:06	344	14.066
22/11/2019	15:28:31	142	14.064
22/11/2019	15:28:38	142	14.062
22/11/2019	15:28:57	142	14.054
22/11/2019	15:29:25	149	14.052
22/11/2019	15:29:44	157	14.05
22/11/2019	15:30:07	142	14.048
22/11/2019	15:30:26	176	14.052
22/11/2019	15:30:56	290	14.054
22/11/2019	15:32:15	538	14.056
22/11/2019	15:32:35	324	14.054
22/11/2019	15:34:00	581	14.056
22/11/2019	15:34:00	153	14.056
22/11/2019	15:34:16	145	14.06
22/11/2019	15:34:36	146	14.066
22/11/2019	15:35:26	324	14.062
22/11/2019	15:35:45	144	14.064
22/11/2019	15:35:58	144	14.06
22/11/2019	15:37:14	533	14.066
22/11/2019	15:37:29	144	14.064
22/11/2019	15:38:07	288	14.068
22/11/2019	15:38:42	144	14.068
22/11/2019	15:38:57	144	14.066
22/11/2019	15:40:11	534	14.068
22/11/2019	15:41:35	467	14.074
22/11/2019	15:41:35	237	14.074
22/11/2019	15:42:34	277	14.072
22/11/2019	15:42:34	190	14.072
22/11/2019	15:42:49	142	14.066
22/11/2019	15:43:50	277	14.064
22/11/2019	15:43:50	190	14.064
22/11/2019	15:44:10	143	14.062
22/11/2019	15:44:55	277	14.06



22/11/2019	15:45:05	158	14.058
22/11/2019	15:46:01	292	14.054
22/11/2019	15:46:01	146	14.054
22/11/2019	15:46:26	146	14.052
22/11/2019	15:46:59	270	14.056
22/11/2019	15:47:54	292	14.056
22/11/2019	15:48:14	145	14.054
22/11/2019	15:48:29	146	14.05
22/11/2019	15:48:39	146	14.048
22/11/2019	15:48:59	146	14.046
22/11/2019	15:49:24	146	14.04
22/11/2019	15:50:00	321	14.042
22/11/2019	15:50:26	148	14.038
22/11/2019	15:50:44	142	14.036
22/11/2019	15:52:12	300	14.038
22/11/2019	15:52:12	288	14.038
22/11/2019	15:52:32	142	14.036
22/11/2019	15:53:35	257	14.036
22/11/2019	15:53:35	175	14.036
22/11/2019	15:54:05	142	14.028
22/11/2019	15:55:26	481	14.028
22/11/2019	15:56:14	469	14.03
22/11/2019	15:56:14	9	14.03
22/11/2019	15:56:28	146	14.028
22/11/2019	15:56:52	145	14.03
22/11/2019	15:57:19	292	14.03
22/11/2019	15:58:43	283	14.028
22/11/2019	15:59:06	150	14.03
22/11/2019	15:59:23	196	14.028
22/11/2019	15:59:31	131	14.028
22/11/2019	15:59:37	279	14.026
22/11/2019	16:00:00	276	14.024
22/11/2019	16:00:24	177	14.024
22/11/2019	16:00:28	54	14.024
22/11/2019	16:00:41	169	14.026
22/11/2019	16:00:58	263	14.026
22/11/2019	16:01:42	376	14.03
22/11/2019	16:01:48	220	14.03
22/11/2019	16:02:19	432	14.03
22/11/2019	16:02:31	21	14.026
22/11/2019	16:02:53	278	14.024
22/11/2019	16:03:05	263	14.022
22/11/2019	16:03:20	143	14.018
22/11/2019	16:03:31	143	14.014
22/11/2019	16:04:01	134	14.014
22/11/2019	16:04:14	247	14.012
22/11/2019	16:04:20	157	14.012
22/11/2019	16:04:57	142	14.016
22/11/2019	16:05:00	357	14.014
22/11/2019	16:05:10	149	14.014
22/11/2019	16:05:26	146	14.008
22/11/2019	16:05:40	131	14.008
22/11/2019	16:06:11	260	14.012
22/11/2019	16:06:26	148	14.012

22/11/2019	16:06:31	59	14.014
22/11/2019	16:07:15	128	14.018
22/11/2019	16:07:16	147	14.016
22/11/2019	16:07:17	141	14.016
22/11/2019	16:07:58	461	14.022
22/11/2019	16:07:58	219	14.022
22/11/2019	16:09:51	609	14.02
22/11/2019	16:10:00	147	14.022
22/11/2019	16:10:45	407	14.022
22/11/2019	16:10:56	249	14.02
22/11/2019	16:11:34	174	14.022
22/11/2019	16:11:47	287	14.018
22/11/2019	16:11:49	146	14.016
22/11/2019	16:12:24	209	14.014
22/11/2019	16:12:59	131	14.016
22/11/2019	16:13:05	291	14.014
22/11/2019	16:13:40	262	14.014
22/11/2019	16:13:40	21	14.014
22/11/2019	16:14:17	132	14.014
22/11/2019	16:14:24	273	14.012
22/11/2019	16:14:31	142	14.01
22/11/2019	16:15:03	292	14.008
22/11/2019	16:15:11	145	14.006
22/11/2019	16:15:22	133	14.006
22/11/2019	16:15:32	80	14.008
22/11/2019	16:15:32	26	14.008
22/11/2019	16:15:48	52	14.008
22/11/2019	16:15:55	135	14.008
22/11/2019	16:16:07	140	14.008
22/11/2019	16:16:16	160	14.006
22/11/2019	16:16:34	155	14.01
22/11/2019	16:16:36	177	14.008
22/11/2019	16:16:56	80	14.01
22/11/2019	16:17:04	264	14.008
22/11/2019	16:17:21	147	14.006
22/11/2019	16:18:07	529	14.008
22/11/2019	16:18:14	148	14.008
22/11/2019	16:18:42	282	14.008
22/11/2019	16:18:45	26	14.006
22/11/2019	16:18:45	122	14.006
22/11/2019	16:18:56	148	14.006
22/11/2019	16:19:11	147	14.006
22/11/2019	16:19:55	142	14.008
22/11/2019	16:19:55	435	14.006
22/11/2019	16:20:11	151	14.004
22/11/2019	16:20:19	149	14.002
22/11/2019	16:20:32	148	13.998
22/11/2019	16:20:38	148	13.998
22/11/2019	16:20:47	148	13.998
22/11/2019	16:21:23	173	14
22/11/2019	16:21:27	290	13.998
22/11/2019	16:21:28	86	13.998
22/11/2019	16:21:42	151	13.996
22/11/2019	16:21:43	145	13.994

22/11/2019	16:22:16	297	13.998
22/11/2019	16:22:57	637	14.002
22/11/2019	16:23:25	356	14.002
22/11/2019	16:23:41	415	14.002
22/11/2019	16:24:15	100	14.006
22/11/2019	16:24:30	130	14.01
22/11/2019	16:24:33	162	14.01
22/11/2019	16:24:44	131	14.01
22/11/2019	16:24:45	378	14.008

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