



### Snam: report on the purchase of treasury shares

San Donato Milanese (Milan), 14 December 2018 – Snam, following the announcement on 2 October concerning the resumption of the share buy-back authorized by the Shareholder meeting of 24 April, announces that, in the period from 7 to 13 December, has purchased n. 2,132,500 of its own shares at an average price per share equal to 3.9489 euro, for an aggregate amount of 8,421,006.42 euro.

On the basis of information provided by the intermediary appointed for the repurchase of the shares, the details of the purchases of treasury shares on the MTA (Mercato Telematico Azionario) on a daily basis are reported below:

Date	Number of ordinary shares purchased	Average price (euro)	Consideration (euro)
07/12/2018	64,222	3.9083	251,001.48
10/12/2018	998,921	3.9385	3,934,226.06
11/12/2018	763,944	3.9505	3,017,945.73
12/12/2018	305,413	3.9875	1,217,833.16
13/12/2018	0	-	-

Since the start of the purchase plan Snam acquired 76,720,354 own shares (equal to 2.21% of the share capital), for an aggregate amount of 281,820,321.30 euro.

Following the purchases, and taking into consideration the treasury shares already held, as of 13 December 2018 Snam holds 167,642,979 shares equal to 4.83% of the share capital.

The details of the daily transactions are reported below.



TRANSACTION			
DETAIL			
TRANSACTION DATE (dd/mm/yy)	TIME (London)	AMOUNT	PRICE
7/12/18	08:58:18	2,099	3.91
7/12/18	08:58:18	519	3.91
7/12/18	08:58:23	1,969	3.91
7/12/18	09:00:37	1,965	3.90
7/12/18	09:02:06	1,079	3.90
7/12/18	09:04:14	2,798	3.91
7/12/18	15:32:22	2,200	3.91
7/12/18	15:36:27	2,740	3.91
7/12/18	15:36:27	1,533	3.91
7/12/18	15:36:27	1,059	3.91
7/12/18	15:36:27	800	3.91
7/12/18	15:36:27	3,775	3.91
7/12/18	15:36:27	2,945	3.91
7/12/18	15:36:27	2,500	3.91
7/12/18	15:36:27	234	3.91
7/12/18	15:36:27	1,339	3.91
7/12/18	15:36:27	1,135	3.91
7/12/18	15:36:27	3,344	3.91
7/12/18	15:36:36	1,079	3.91
7/12/18	15:36:40	1,447	3.91
7/12/18	15:36:40	1,282	3.91
7/12/18	15:36:43	1,224	3.91
7/12/18	15:36:46	218	3.91
7/12/18	15:36:46	1,067	3.91
7/12/18	15:36:50	1,512	3.91
7/12/18	15:37:06	2,593	3.91
7/12/18	15:38:22	5,645	3.91
7/12/18	15:38:22	1,752	3.91
7/12/18	15:38:29	3,196	3.91
7/12/18	15:38:29	2,498	3.91



7/12/18	15:38:36	1,786	3.91
7/12/18	15:38:36	1,811	3.91
7/12/18	15:38:38	1,569	3.91
7/12/18	15:38:38	139	3.91
7/12/18	15:38:38	238	3.91
7/12/18	15:38:38	1,133	3.91
10/12/18	08:00:24	2,833	3.91
10/12/18	08:02:43	1,079	3.93
10/12/18	08:02:45	2,789	3.93
10/12/18	08:03:22	3,242	3.92
10/12/18	08:03:51	1,079	3.92
10/12/18	08:03:51	2,570	3.92
10/12/18	08:03:52	1,352	3.92
10/12/18	08:06:02	1,101	3.93
10/12/18	08:06:08	1,325	3.93
10/12/18	08:06:08	2,300	3.93
10/12/18	08:06:08	1,319	3.93
10/12/18	08:06:50	3,800	3.92
10/12/18	08:06:54	2,721	3.92
10/12/18	08:06:55	1,319	3.92
10/12/18	08:08:51	4,536	3.92
10/12/18	08:11:07	494	3.93
10/12/18	08:11:07	1,509	3.93
10/12/18	08:11:07	1,261	3.93
10/12/18	08:11:42	1,250	3.93
10/12/18	08:11:42	2,538	3.93
10/12/18	08:11:44	1,547	3.93
10/12/18	08:13:18	4,201	3.93
10/12/18	08:16:17	2,051	3.92
10/12/18	08:16:38	193	3.92
10/12/18	08:16:38	995	3.92
10/12/18	08:16:43	3,489	3.92
10/12/18	08:17:29	2,668	3.92
10/12/18	08:17:32	1,327	3.92
10/12/18	08:19:23	4,239	3.92
10/12/18	08:22:33	1,726	3.92
10/12/18	08:23:01	3,798	3.92
10/12/18	08:25:30	3,947	3.92



10/12/18	08:25:39	4,675	3.92
10/12/18	08:25:39	1,143	3.92
10/12/18	08:25:41	1,319	3.92
10/12/18	08:25:48	192	3.92
10/12/18	08:28:31	3,364	3.92
10/12/18	08:29:59	4,804	3.91
10/12/18	08:32:48	1,194	3.93
10/12/18	08:32:48	2,300	3.93
10/12/18	08:36:47	1,079	3.93
10/12/18	08:36:51	2,700	3.93
10/12/18	08:36:51	1,851	3.93
10/12/18	08:36:51	701	3.93
10/12/18	08:37:20	4,619	3.93
10/12/18	08:37:20	237	3.93
10/12/18	08:41:22	1,000	3.93
10/12/18	08:41:24	2,309	3.93
10/12/18	08:41:24	1,883	3.93
10/12/18	08:41:24	1,608	3.93
10/12/18	08:46:26	4,206	3.93
10/12/18	08:48:30	294	3.93
10/12/18	08:49:08	1,086	3.93
10/12/18	08:49:08	4,284	3.93
10/12/18	08:50:34	3,000	3.93
10/12/18	08:51:15	1,560	3.93
10/12/18	08:51:15	3,242	3.93
10/12/18	08:52:04	1,835	3.93
10/12/18	08:52:43	2,803	3.93
10/12/18	08:55:17	1,495	3.93
10/12/18	08:55:17	2,482	3.93
10/12/18	08:56:52	1	3.93
10/12/18	08:59:49	1,969	3.93
10/12/18	09:00:16	1,268	3.93
10/12/18	09:02:10	1,727	3.94
10/12/18	09:03:08	770	3.94
10/12/18	09:03:08	402	3.94
10/12/18	09:03:22	3,332	3.94
10/12/18	09:03:58	861	3.94
10/12/18	09:04:28	3,725	3.94



10/12/18	09:10:05	2,900	3.94
10/12/18	09:10:05	536	3.94
10/12/18	09:10:05	1,566	3.94
10/12/18	09:11:48	382	3.95
10/12/18	09:12:03	697	3.95
10/12/18	09:12:35	3,530	3.94
10/12/18	09:12:39	3,980	3.94
10/12/18	09:14:25	1,051	3.94
10/12/18	09:14:28	271	3.94
10/12/18	09:14:45	3,624	3.94
10/12/18	09:18:07	4,104	3.93
10/12/18	09:22:35	1,204	3.94
10/12/18	09:23:30	1,637	3.94
10/12/18	09:23:30	1,699	3.94
10/12/18	09:23:44	651	3.94
10/12/18	09:23:44	720	3.94
10/12/18	09:24:06	3,351	3.94
10/12/18	09:25:13	3,278	3.94
10/12/18	09:29:38	3,000	3.94
10/12/18	09:29:47	2,458	3.94
10/12/18	09:29:47	341	3.94
10/12/18	09:32:58	4,156	3.94
10/12/18	09:38:45	752	3.95
10/12/18	09:38:45	599	3.95
10/12/18	09:40:50	1,600	3.95
10/12/18	09:40:50	62	3.95
10/12/18	09:40:50	1,537	3.95
10/12/18	09:40:50	4,834	3.95
10/12/18	09:40:50	3,151	3.95
10/12/18	09:41:12	2,451	3.95
10/12/18	09:41:38	114	3.95
10/12/18	09:46:30	1,230	3.95
10/12/18	09:46:30	1,599	3.95
10/12/18	09:47:22	5,561	3.95
10/12/18	09:47:22	37	3.95
10/12/18	09:52:01	1,121	3.96
10/12/18	09:52:01	2,500	3.96
10/12/18	09:52:01	1,650	3.96



10/12/18	09:52:01	1,695	3.96
10/12/18	09:52:08	2,500	3.96
10/12/18	09:52:08	1,052	3.96
10/12/18	09:52:10	2,832	3.95
10/12/18	09:54:50	4,649	3.95
10/12/18	09:59:47	1,101	3.96
10/12/18	09:59:47	2,433	3.96
10/12/18	09:59:49	1,468	3.96
10/12/18	09:59:53	3,572	3.95
10/12/18	09:59:53	1,523	3.95
10/12/18	10:05:32	346	3.95
10/12/18	10:05:32	1,697	3.95
10/12/18	10:05:55	1,196	3.95
10/12/18	10:07:39	1,109	3.95
10/12/18	10:07:39	103	3.95
10/12/18	10:08:32	2,087	3.95
10/12/18	10:08:32	3,269	3.95
10/12/18	10:08:36	2,870	3.95
10/12/18	10:08:36	1,739	3.95
10/12/18	10:09:01	1,079	3.95
10/12/18	10:10:08	4,737	3.94
10/12/18	10:14:18	2,000	3.95
10/12/18	10:16:38	3,059	3.95
10/12/18	10:17:50	270	3.95
10/12/18	10:17:50	1,034	3.95
10/12/18	10:17:50	1,685	3.95
10/12/18	10:17:50	1,772	3.95
10/12/18	10:20:37	3,359	3.94
10/12/18	10:20:50	1,079	3.94
10/12/18	10:20:58	1,979	3.94
10/12/18	10:23:39	231	3.94
10/12/18	10:23:39	3,826	3.94
10/12/18	10:24:18	4,539	3.94
10/12/18	10:28:22	1,705	3.94
10/12/18	10:28:29	1,596	3.94
10/12/18	10:32:49	1,150	3.94
10/12/18	10:32:49	2,256	3.94
10/12/18	10:33:34	1,079	3.94



10/12/18	10:34:04	1,597	3.94
10/12/18	10:34:04	2,435	3.94
10/12/18	10:34:26	1,358	3.94
10/12/18	10:34:57	1,784	3.94
10/12/18	10:38:13	100	3.95
10/12/18	10:38:13	1,083	3.95
10/12/18	10:38:42	4	3.95
10/12/18	10:38:42	1,084	3.95
10/12/18	10:40:20	2,500	3.95
10/12/18	10:40:20	1,101	3.95
10/12/18	10:41:52	1,611	3.95
10/12/18	10:42:34	2,246	3.95
10/12/18	10:43:41	322	3.95
10/12/18	10:43:41	2,463	3.95
10/12/18	10:44:09	1,121	3.95
10/12/18	10:45:07	1,501	3.95
10/12/18	10:45:32	766	3.95
10/12/18	10:45:32	3,855	3.95
10/12/18	10:45:32	313	3.95
10/12/18	10:45:51	1,087	3.95
10/12/18	10:46:55	3,610	3.95
10/12/18	10:46:55	1,363	3.95
10/12/18	10:49:04	3,238	3.95
10/12/18	10:53:43	1,131	3.95
10/12/18	10:54:28	706	3.95
10/12/18	10:54:28	1,400	3.95
10/12/18	10:54:30	3,523	3.95
10/12/18	10:58:32	1,079	3.96
10/12/18	10:59:01	1,385	3.96
10/12/18	10:59:01	1,362	3.96
10/12/18	10:59:01	942	3.96
10/12/18	11:00:12	563	3.96
10/12/18	11:00:12	2,700	3.96
10/12/18	11:00:12	2,584	3.96
10/12/18	11:00:13	1,079	3.95
10/12/18	11:00:13	1,079	3.95
10/12/18	11:03:51	3,260	3.95
10/12/18	11:08:41	2,160	3.96



10/12/18	11:11:04	1,790	3.96
10/12/18	11:11:04	5,647	3.96
10/12/18	11:11:06	1,168	3.96
10/12/18	11:13:40	3,383	3.96
10/12/18	11:16:03	500	3.96
10/12/18	11:17:27	1,532	3.96
10/12/18	11:17:27	767	3.96
10/12/18	11:17:27	2,012	3.96
10/12/18	11:22:57	1,247	3.95
10/12/18	11:22:57	1,997	3.95
10/12/18	11:24:03	3,348	3.95
10/12/18	11:25:18	1,682	3.95
10/12/18	11:25:18	766	3.95
10/12/18	11:25:18	2	3.95
10/12/18	11:29:04	4,882	3.95
10/12/18	11:29:10	1,603	3.95
10/12/18	11:29:10	1,901	3.95
10/12/18	11:32:02	3,382	3.95
10/12/18	11:36:07	335	3.95
10/12/18	11:36:07	3,192	3.95
10/12/18	11:39:00	1,625	3.95
10/12/18	11:39:00	3,485	3.95
10/12/18	11:41:19	1,800	3.95
10/12/18	11:41:19	1,573	3.95
10/12/18	11:44:27	3,326	3.94
10/12/18	11:47:27	1,516	3.94
10/12/18	11:47:27	767	3.94
10/12/18	11:47:27	1,043	3.94
10/12/18	11:48:39	3,349	3.94
10/12/18	11:51:17	3,359	3.94
10/12/18	11:54:33	674	3.94
10/12/18	11:59:15	2,160	3.94
10/12/18	12:00:57	2,158	3.95
10/12/18	12:02:16	1,765	3.95
10/12/18	12:02:16	81	3.95
10/12/18	12:02:16	1,079	3.95
10/12/18	12:02:16	710	3.95
10/12/18	12:02:28	1,190	3.94





10/12/18	12:02:28	175	3.94
10/12/18	12:02:50	1,079	3.95
10/12/18	12:02:52	2,985	3.95
10/12/18	12:05:01	2	3.95
10/12/18	12:05:24	892	3.95
10/12/18	12:05:50	2,258	3.94
10/12/18	12:10:58	4,837	3.94
10/12/18	12:11:58	101	3.94
10/12/18	12:11:58	3,366	3.94
10/12/18	12:19:43	642	3.94
10/12/18	12:21:11	2,795	3.94
10/12/18	12:21:25	1,563	3.94
10/12/18	12:26:14	3,439	3.94
10/12/18	12:28:05	3,438	3.94
10/12/18	12:31:48	289	3.94
10/12/18	12:31:48	3,633	3.94
10/12/18	12:33:16	767	3.94
10/12/18	12:33:16	312	3.94
10/12/18	12:33:47	2,286	3.94
10/12/18	12:33:47	3,875	3.94
10/12/18	12:35:23	1,079	3.94
10/12/18	12:40:07	3,992	3.94
10/12/18	12:40:23	917	3.94
10/12/18	12:40:23	185	3.94
10/12/18	12:46:07	766	3.95
10/12/18	12:46:07	589	3.95
10/12/18	12:46:07	766	3.95
10/12/18	12:46:19	3,700	3.95
10/12/18	12:46:19	54	3.95
10/12/18	12:48:06	4,714	3.94
10/12/18	12:48:14	766	3.94
10/12/18	12:48:14	351	3.94
10/12/18	12:55:34	704	3.94
10/12/18	12:55:34	212	3.94
10/12/18	12:55:34	380	3.94
10/12/18	12:56:12	1,300	3.94
10/12/18	12:57:08	1,401	3.94
10/12/18	12:57:12	3,530	3.94



10/12/18	13:02:15	230	3.95
10/12/18	13:02:25	550	3.95
10/12/18	13:02:25	3,371	3.95
10/12/18	13:03:40	4,611	3.95
10/12/18	13:03:40	1,079	3.95
10/12/18	13:09:39	3,868	3.95
10/12/18	13:10:01	800	3.95
10/12/18	13:10:01	2,377	3.95
10/12/18	13:10:01	336	3.95
10/12/18	13:10:22	800	3.94
10/12/18	13:10:22	305	3.94
10/12/18	13:13:36	3,338	3.94
10/12/18	13:15:29	3,326	3.94
10/12/18	13:21:01	1,842	3.94
10/12/18	13:21:01	3,322	3.94
10/12/18	13:24:16	4,622	3.94
10/12/18	13:30:57	1,878	3.94
10/12/18	13:30:57	766	3.94
10/12/18	13:30:57	2,040	3.94
10/12/18	13:30:57	656	3.94
10/12/18	13:31:26	88	3.94
10/12/18	13:31:35	1,275	3.94
10/12/18	13:33:22	4,373	3.94
10/12/18	13:38:02	5,363	3.94
10/12/18	13:41:27	1,100	3.94
10/12/18	13:41:27	2,158	3.94
10/12/18	13:42:41	500	3.94
10/12/18	13:45:35	3,165	3.94
10/12/18	13:45:35	2,105	3.94
10/12/18	13:47:18	4,182	3.94
10/12/18	13:48:07	3,322	3.94
10/12/18	13:53:03	1,254	3.94
10/12/18	13:53:03	354	3.94
10/12/18	13:53:32	5,253	3.94
10/12/18	13:55:31	530	3.94
10/12/18	13:55:31	3,821	3.94
10/12/18	13:59:30	75	3.94
10/12/18	13:59:30	1,201	3.94



10/12/18	14:00:20	3,383	3.94
10/12/18	14:00:20	1,965	3.94
10/12/18	14:00:21	1,324	3.94
10/12/18	14:00:30	2,369	3.94
10/12/18	14:05:50	288	3.94
10/12/18	14:05:50	900	3.94
10/12/18	14:06:01	5,074	3.94
10/12/18	14:09:19	1,393	3.94
10/12/18	14:09:19	3,670	3.94
10/12/18	14:12:21	2,174	3.94
10/12/18	14:13:16	3,746	3.95
10/12/18	14:15:37	3,609	3.94
10/12/18	14:18:42	552	3.95
10/12/18	14:18:42	813	3.95
10/12/18	14:18:42	3,327	3.95
10/12/18	14:18:42	3,655	3.95
10/12/18	14:18:42	3,241	3.95
10/12/18	14:18:46	2,754	3.95
10/12/18	14:24:52	299	3.95
10/12/18	14:24:52	1,108	3.95
10/12/18	14:24:55	1,264	3.95
10/12/18	14:24:55	567	3.95
10/12/18	14:24:56	766	3.95
10/12/18	14:24:56	2,723	3.95
10/12/18	14:27:09	393	3.94
10/12/18	14:27:09	3,062	3.94
10/12/18	14:28:20	1,405	3.94
10/12/18	14:29:47	1	3.94
10/12/18	14:29:56	737	3.94
10/12/18	14:30:02	500	3.94
10/12/18	14:30:04	2,077	3.94
10/12/18	14:30:04	1,507	3.94
10/12/18	14:30:04	736	3.94
10/12/18	14:30:05	180	3.94
10/12/18	14:30:08	1,350	3.94
10/12/18	14:30:09	739	3.94
10/12/18	14:30:09	1,745	3.94
10/12/18	14:30:12	1,258	3.94



10/12/18	14:32:28	767	3.94
10/12/18	14:32:28	766	3.94
10/12/18	14:32:28	766	3.94
10/12/18	14:32:28	986	3.94
10/12/18	14:34:15	3,937	3.94
10/12/18	14:34:56	2,037	3.94
10/12/18	14:34:56	1,385	3.94
10/12/18	14:37:22	4,676	3.94
10/12/18	14:41:10	1,100	3.94
10/12/18	14:41:56	4,690	3.94
10/12/18	14:41:56	1,079	3.94
10/12/18	14:41:56	1,144	3.94
10/12/18	14:41:57	1,333	3.94
10/12/18	14:44:58	4,792	3.94
10/12/18	14:45:31	4,080	3.94
10/12/18	14:47:55	4,375	3.94
10/12/18	14:48:44	3,334	3.94
10/12/18	14:50:29	3,391	3.93
10/12/18	14:51:37	3,374	3.93
10/12/18	14:53:59	4,341	3.93
10/12/18	14:53:59	712	3.93
10/12/18	14:55:18	3,304	3.93
10/12/18	14:57:55	5,083	3.94
10/12/18	14:58:30	3,949	3.93
10/12/18	15:00:08	2,312	3.94
10/12/18	15:00:09	1,079	3.94
10/12/18	15:00:09	363	3.94
10/12/18	15:01:36	1,200	3.93
10/12/18	15:01:43	1,066	3.93
10/12/18	15:01:43	1,344	3.93
10/12/18	15:02:36	3,961	3.93
10/12/18	15:04:16	3,406	3.93
10/12/18	15:07:36	5,187	3.93
10/12/18	15:08:06	3,568	3.93
10/12/18	15:08:12	1,439	3.93
10/12/18	15:09:56	3,320	3.93
10/12/18	15:13:10	1,241	3.93
10/12/18	15:13:17	6,267	3.93



10/12/18	15:13:17	1,079	3.93
10/12/18	15:16:25	2,000	3.94
10/12/18	15:16:25	163	3.94
10/12/18	15:16:36	1,079	3.94
10/12/18	15:16:37	4,496	3.94
10/12/18	15:18:25	3,913	3.94
10/12/18	15:21:01	2,400	3.94
10/12/18	15:21:01	1,392	3.94
10/12/18	15:21:17	1,208	3.94
10/12/18	15:21:18	4,000	3.94
10/12/18	15:21:18	1,660	3.94
10/12/18	15:21:24	174	3.94
10/12/18	15:24:02	4,182	3.94
10/12/18	15:25:22	4,836	3.94
10/12/18	15:27:07	4,843	3.94
10/12/18	15:28:59	104	3.94
10/12/18	15:29:04	3,930	3.94
10/12/18	15:31:01	4,073	3.94
10/12/18	15:31:01	935	3.94
10/12/18	15:31:56	3,253	3.94
10/12/18	15:34:19	5,249	3.94
10/12/18	15:36:07	1,191	3.94
10/12/18	15:36:14	5,305	3.94
10/12/18	15:38:39	1,156	3.94
10/12/18	15:39:05	1,508	3.94
10/12/18	15:39:25	4,954	3.94
10/12/18	15:39:28	456	3.94
10/12/18	15:40:52	3,348	3.94
10/12/18	15:42:30	3,620	3.94
10/12/18	15:44:00	251	3.94
10/12/18	15:44:00	1,055	3.94
10/12/18	15:44:00	2,000	3.94
10/12/18	15:44:06	2,000	3.94
10/12/18	15:44:06	61	3.94
10/12/18	15:44:06	265	3.94
10/12/18	15:45:11	2,399	3.94
10/12/18	15:45:15	1,364	3.94
10/12/18	15:45:15	860	3.94



10/12/18	15:46:20	163	3.94
10/12/18	15:46:36	3,390	3.94
10/12/18	15:49:20	1,079	3.95
10/12/18	15:49:27	4,277	3.94
10/12/18	15:49:27	3,106	3.94
10/12/18	15:51:27	5,711	3.94
10/12/18	15:51:27	43	3.94
10/12/18	15:52:26	3,435	3.94
10/12/18	15:53:25	3,066	3.94
10/12/18	15:53:28	290	3.94
10/12/18	15:54:06	275	3.94
10/12/18	15:54:10	3,167	3.94
10/12/18	15:56:07	139	3.94
10/12/18	15:56:07	333	3.94
10/12/18	15:56:07	5,017	3.94
10/12/18	15:57:29	454	3.94
10/12/18	15:58:18	3,488	3.94
10/12/18	15:58:18	2,260	3.94
10/12/18	15:58:58	3,829	3.94
10/12/18	16:00:11	3,980	3.94
10/12/18	16:01:16	4,748	3.93
10/12/18	16:02:52	1,600	3.93
10/12/18	16:02:54	3,238	3.93
10/12/18	16:02:54	276	3.93
10/12/18	16:04:13	4,558	3.93
10/12/18	16:04:52	1,454	3.93
10/12/18	16:04:54	1,797	3.93
10/12/18	16:06:16	4,712	3.93
10/12/18	16:07:22	1,520	3.93
10/12/18	16:07:23	1,079	3.93
10/12/18	16:07:23	779	3.93
10/12/18	16:08:45	4,665	3.93
10/12/18	16:10:04	4,159	3.93
10/12/18	16:10:04	452	3.93
10/12/18	16:11:20	1,579	3.93
10/12/18	16:11:27	1,771	3.93
10/12/18	16:11:55	3,292	3.94
10/12/18	16:13:13	4,644	3.94



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10/12/18	16:14:39	4,111	3.94
10/12/18	16:14:41	1,120	3.94
10/12/18	16:15:25	3,393	3.93
10/12/18	16:16:21	3,702	3.93
10/12/18	16:17:43	4,829	3.93
10/12/18	16:18:16	4,456	3.93
10/12/18	16:18:56	3,480	3.93
10/12/18	16:19:28	3,200	3.92
10/12/18	16:19:29	120	3.92
10/12/18	16:20:07	4,514	3.92
10/12/18	16:21:50	1,642	3.93
10/12/18	16:21:59	3,493	3.92
10/12/18	16:22:20	937	3.92
10/12/18	16:22:20	1,533	3.92
10/12/18	16:22:20	1,641	3.92
10/12/18	16:22:48	4,422	3.92
10/12/18	16:23:37	3,249	3.92
10/12/18	16:23:40	984	3.92
10/12/18	16:24:28	4,493	3.92
10/12/18	16:26:07	975	3.93
10/12/18	16:26:07	1,183	3.93
10/12/18	16:26:14	3,887	3.93
10/12/18	16:26:20	1,523	3.93
10/12/18	16:26:21	4,844	3.93
10/12/18	16:26:21	2,071	3.93
10/12/18	16:27:41	1,567	3.93
10/12/18	16:27:51	1,829	3.93
11/12/18	08:01:02	682	3.96
11/12/18	08:01:03	2,113	3.95
11/12/18	08:01:45	1,784	3.95
11/12/18	08:01:59	1,587	3.95
11/12/18	08:02:01	160	3.95
11/12/18	08:02:56	1,497	3.94
11/12/18	08:04:40	1,946	3.95
11/12/18	08:05:27	1,091	3.95
11/12/18	08:05:27	1,091	3.94
11/12/18	08:05:27	1,091	3.94



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11/12/18	08:06:17	1,088	3.94
11/12/18	08:06:18	1	3.94
11/12/18	08:07:01	429	3.95
11/12/18	08:07:01	661	3.95
11/12/18	08:07:05	1,091	3.94
11/12/18	08:07:20	1,089	3.95
11/12/18	08:07:31	1,089	3.94
11/12/18	08:08:22	1,142	3.94
11/12/18	08:08:22	1,088	3.94
11/12/18	08:10:38	1,089	3.94
11/12/18	08:10:38	1,088	3.94
11/12/18	08:11:02	1,090	3.93
11/12/18	08:11:02	1,088	3.93
11/12/18	08:12:33	2,539	3.94
11/12/18	08:12:33	1,088	3.94
11/12/18	08:12:56	1,089	3.93
11/12/18	08:12:56	1,088	3.93
11/12/18	08:14:43	1,088	3.94
11/12/18	08:15:10	1,090	3.93
11/12/18	08:15:10	1,089	3.93
11/12/18	08:15:14	1,498	3.93
11/12/18	08:18:26	1,415	3.94
11/12/18	08:18:26	333	3.94
11/12/18	08:18:26	1,560	3.94
11/12/18	08:19:03	900	3.94
11/12/18	08:19:03	3,765	3.94
11/12/18	08:20:29	1,430	3.93
11/12/18	08:22:08	815	3.93
11/12/18	08:22:08	792	3.93
11/12/18	08:22:08	1,089	3.93
11/12/18	08:22:09	1,088	3.93
11/12/18	08:22:10	455	3.93
11/12/18	08:23:05	2	3.92
11/12/18	08:23:05	1,227	3.92
11/12/18	08:23:35	1,418	3.92
11/12/18	08:24:46	1,218	3.92
11/12/18	08:24:48	74	3.92





11/12/18	08:25:17	1,659	3.93
11/12/18	08:26:01	1,248	3.93
11/12/18	08:27:02	1,233	3.92
11/12/18	08:27:42	1,238	3.92
11/12/18	08:28:27	1,222	3.92
11/12/18	08:28:59	1,311	3.92
11/12/18	08:31:05	741	3.92
11/12/18	08:31:05	348	3.92
11/12/18	08:31:12	192	3.92
11/12/18	08:31:12	1,035	3.92
11/12/18	08:31:14	1,530	3.92
11/12/18	08:32:23	1,256	3.91
11/12/18	08:32:40	1,232	3.91
11/12/18	08:35:59	1,088	3.92
11/12/18	08:37:30	1,089	3.92
11/12/18	08:37:35	1,234	3.91
11/12/18	08:37:35	523	3.91
11/12/18	08:37:35	567	3.91
11/12/18	08:37:37	1,090	3.91
11/12/18	08:37:38	2,248	3.91
11/12/18	08:38:02	508	3.91
11/12/18	08:38:02	1,429	3.91
11/12/18	08:38:06	2,125	3.91
11/12/18	08:38:07	1,382	3.91
11/12/18	08:38:08	1,088	3.91
11/12/18	08:38:10	334	3.91
11/12/18	08:38:13	3,019	3.91
11/12/18	08:38:13	760	3.91
11/12/18	08:38:13	1,476	3.91
11/12/18	08:38:35	2,643	3.91
11/12/18	08:38:49	1,189	3.91
11/12/18	08:39:39	1,193	3.91
11/12/18	08:39:39	108	3.91
11/12/18	08:39:54	1,090	3.91
11/12/18	08:40:42	1,271	3.91
11/12/18	08:40:42	1,090	3.91
11/12/18	08:43:04	1,460	3.91
11/12/18	08:45:58	1,088	3.91



11/12/18	08:45:58	1,974	3.91
11/12/18	08:45:58	611	3.91
11/12/18	08:45:58	477	3.91
11/12/18	08:45:58	1,011	3.91
11/12/18	08:46:50	1,088	3.91
11/12/18	08:46:50	1,088	3.91
11/12/18	08:46:50	1,531	3.91
11/12/18	08:48:19	1,126	3.92
11/12/18	08:48:55	1,240	3.92
11/12/18	08:49:14	780	3.92
11/12/18	08:49:14	372	3.92
11/12/18	08:49:34	898	3.92
11/12/18	08:49:34	482	3.92
11/12/18	08:50:01	1,281	3.91
11/12/18	08:51:41	1,143	3.91
11/12/18	08:53:28	296	3.92
11/12/18	08:53:28	792	3.92
11/12/18	08:53:49	1,090	3.91
11/12/18	08:53:49	1,091	3.91
11/12/18	08:54:32	1,132	3.91
11/12/18	08:56:04	1,163	3.92
11/12/18	08:56:10	1,151	3.91
11/12/18	08:56:12	65	3.91
11/12/18	08:56:12	1,023	3.91
11/12/18	08:57:08	1,260	3.91
11/12/18	08:57:08	1,088	3.91
11/12/18	08:57:08	1,104	3.91
11/12/18	08:57:11	180	3.91
11/12/18	08:58:34	1,167	3.91
11/12/18	08:59:04	129	3.91
11/12/18	08:59:04	1,135	3.91
11/12/18	08:59:11	807	3.91
11/12/18	08:59:11	153	3.91
11/12/18	08:59:23	1,233	3.91
11/12/18	08:59:23	1,027	3.91
11/12/18	09:03:03	1,167	3.92
11/12/18	09:03:15	1,090	3.92
11/12/18	09:03:32	3,259	3.92



11/12/18	09:03:32	13	3.92
11/12/18	09:04:16	1,257	3.92
11/12/18	09:06:04	1,268	3.92
11/12/18	09:06:04	1,089	3.92
11/12/18	09:08:40	1,689	3.92
11/12/18	09:08:54	1,185	3.92
11/12/18	09:10:51	1,088	3.92
11/12/18	09:10:51	109	3.92
11/12/18	09:10:51	979	3.92
11/12/18	09:10:51	377	3.92
11/12/18	09:10:54	712	3.92
11/12/18	09:11:09	2,190	3.92
11/12/18	09:15:43	551	3.92
11/12/18	09:15:43	538	3.92
11/12/18	09:15:43	1,723	3.92
11/12/18	09:16:20	1,108	3.92
11/12/18	09:16:20	1,088	3.92
11/12/18	09:16:30	1,089	3.92
11/12/18	09:17:26	1,699	3.93
11/12/18	09:17:26	593	3.93
11/12/18	09:17:26	1,291	3.93
11/12/18	09:17:37	499	3.93
11/12/18	09:19:27	1,170	3.93
11/12/18	09:19:36	1,644	3.93
11/12/18	09:21:19	2,016	3.93
11/12/18	09:22:48	1,240	3.93
11/12/18	09:22:48	641	3.93
11/12/18	09:22:55	447	3.93
11/12/18	09:24:30	1,275	3.93
11/12/18	09:25:44	1,254	3.93
11/12/18	09:28:08	419	3.93
11/12/18	09:28:08	669	3.93
11/12/18	09:28:12	1,268	3.93
11/12/18	09:29:10	1,301	3.93
11/12/18	09:30:00	1,263	3.93
11/12/18	09:30:52	1,254	3.93
11/12/18	09:33:50	2,099	3.93
11/12/18	09:34:29	1,088	3.93



11/12/18	09:34:29	1,090	3.93
11/12/18	09:35:32	473	3.93
11/12/18	09:35:32	802	3.93
11/12/18	09:37:03	1,267	3.93
11/12/18	09:40:07	1,520	3.93
11/12/18	09:41:07	1,089	3.93
11/12/18	09:41:39	3,046	3.93
11/12/18	09:42:06	1,264	3.93
11/12/18	09:43:51	1,254	3.92
11/12/18	09:43:51	1,110	3.92
11/12/18	09:46:33	1,088	3.93
11/12/18	09:48:03	462	3.93
11/12/18	09:48:42	1,088	3.93
11/12/18	09:50:20	158	3.93
11/12/18	09:50:20	930	3.93
11/12/18	09:50:28	3,005	3.93
11/12/18	09:50:52	334	3.93
11/12/18	09:50:52	1,508	3.93
11/12/18	09:52:59	779	3.93
11/12/18	09:52:59	1,619	3.93
11/12/18	09:53:29	1,089	3.93
11/12/18	09:58:18	2,658	3.94
11/12/18	09:58:25	1,088	3.94
11/12/18	10:00:15	721	3.94
11/12/18	10:00:15	369	3.94
11/12/18	10:01:48	1,088	3.94
11/12/18	10:02:41	1,088	3.94
11/12/18	10:03:43	22	3.94
11/12/18	10:03:47	1,069	3.95
11/12/18	10:03:47	5,268	3.94
11/12/18	10:05:46	1,091	3.94
11/12/18	10:05:57	1,274	3.94
11/12/18	10:07:04	327	3.94
11/12/18	10:07:04	892	3.94
11/12/18	10:07:34	1,954	3.95
11/12/18	10:09:48	1,091	3.94
11/12/18	10:09:48	5	3.94
11/12/18	10:10:02	1,234	3.94



11/12/18	10:11:21	1,089	3.94
11/12/18	10:13:06	1,088	3.94
11/12/18	10:13:21	1,196	3.94
11/12/18	10:13:21	1,225	3.94
11/12/18	10:14:30	1,095	3.94
11/12/18	10:14:30	143	3.94
11/12/18	10:15:50	1,227	3.94
11/12/18	10:16:33	1,262	3.94
11/12/18	10:16:59	635	3.94
11/12/18	10:17:03	587	3.94
11/12/18	10:17:03	52	3.94
11/12/18	10:20:13	1,091	3.94
11/12/18	10:20:26	1,091	3.94
11/12/18	10:20:29	1,272	3.93
11/12/18	10:20:29	1,096	3.93
11/12/18	10:23:03	1,264	3.93
11/12/18	10:23:03	1,088	3.93
11/12/18	10:28:15	730	3.94
11/12/18	10:28:37	361	3.94
11/12/18	10:28:37	566	3.94
11/12/18	10:28:51	1,091	3.94
11/12/18	10:29:12	2,023	3.94
11/12/18	10:30:22	1,168	3.94
11/12/18	10:30:22	276	3.94
11/12/18	10:30:22	142	3.94
11/12/18	10:30:22	421	3.94
11/12/18	10:30:42	252	3.94
11/12/18	10:30:51	1,091	3.94
11/12/18	10:35:09	1,088	3.94
11/12/18	10:35:09	2	3.94
11/12/18	10:35:35	1,159	3.94
11/12/18	10:35:42	1,951	3.94
11/12/18	10:37:08	1,089	3.94
11/12/18	10:37:11	1,122	3.94
11/12/18	10:37:11	1,088	3.94
11/12/18	10:37:11	1,088	3.94
11/12/18	10:38:47	1,262	3.94
11/12/18	10:40:46	1,092	3.94



11/12/18	10:41:20	1,266	3.94
11/12/18	10:41:20	1,090	3.94
11/12/18	10:45:44	1,232	3.93
11/12/18	10:45:44	1,089	3.93
11/12/18	10:45:44	2,177	3.93
11/12/18	10:47:01	512	3.93
11/12/18	10:47:01	579	3.93
11/12/18	10:47:58	1,615	3.93
11/12/18	10:47:58	222	3.93
11/12/18	10:50:57	1,553	3.94
11/12/18	10:50:57	1,094	3.94
11/12/18	10:51:27	1,232	3.94
11/12/18	10:55:17	1,091	3.94
11/12/18	10:56:25	1,090	3.94
11/12/18	10:56:25	1,532	3.94
11/12/18	10:56:25	1,088	3.94
11/12/18	10:57:38	1,226	3.94
11/12/18	11:00:14	2,012	3.94
11/12/18	11:02:59	4,037	3.94
11/12/18	11:04:52	1,252	3.94
11/12/18	11:06:28	800	3.94
11/12/18	11:06:28	289	3.94
11/12/18	11:08:51	1,090	3.94
11/12/18	11:09:56	1,263	3.94
11/12/18	11:09:56	1,090	3.94
11/12/18	11:09:56	1,089	3.94
11/12/18	11:10:48	1,230	3.93
11/12/18	11:13:32	799	3.94
11/12/18	11:13:32	989	3.94
11/12/18	11:14:38	3,193	3.94
11/12/18	11:16:03	1,705	3.94
11/12/18	11:16:03	1,490	3.94
11/12/18	11:17:24	1,121	3.94
11/12/18	11:19:36	1,091	3.95
11/12/18	11:21:55	1,089	3.95
11/12/18	11:22:24	1,720	3.94
11/12/18	11:22:24	1,091	3.94
11/12/18	11:26:23	1,243	3.94



11/12/18	11:26:23	1,090	3.94
11/12/18	11:26:23	1,088	3.94
11/12/18	11:30:30	1,000	3.94
11/12/18	11:30:30	1	3.94
11/12/18	11:30:47	961	3.94
11/12/18	11:30:47	1,088	3.94
11/12/18	11:30:47	1,096	3.94
11/12/18	11:35:17	261	3.94
11/12/18	11:35:17	964	3.94
11/12/18	11:35:17	1,090	3.94
11/12/18	11:35:17	1,089	3.94
11/12/18	11:36:10	1,268	3.94
11/12/18	11:42:32	148	3.94
11/12/18	11:42:43	687	3.94
11/12/18	11:42:47	200	3.94
11/12/18	11:43:01	53	3.94
11/12/18	11:44:01	1,090	3.94
11/12/18	11:44:01	1,089	3.94
11/12/18	11:44:47	2,843	3.94
11/12/18	11:44:47	1,088	3.94
11/12/18	11:46:15	1,428	3.94
11/12/18	11:48:19	702	3.94
11/12/18	11:48:19	524	3.94
11/12/18	11:50:11	1,234	3.94
11/12/18	11:50:11	1,090	3.94
11/12/18	11:52:02	1,242	3.94
11/12/18	11:54:00	1,227	3.94
11/12/18	11:54:00	1,091	3.94
11/12/18	11:55:09	1,267	3.93
11/12/18	11:57:06	1,964	3.94
11/12/18	11:58:20	1,254	3.93
11/12/18	11:59:59	373	3.93
11/12/18	11:59:59	859	3.93
11/12/18	12:03:26	2,047	3.93
11/12/18	12:03:26	1,088	3.93
11/12/18	12:04:26	575	3.93
11/12/18	12:04:26	691	3.93
11/12/18	12:10:57	1,088	3.94



11/12/18	12:15:22	814	3.94
11/12/18	12:15:22	276	3.94
11/12/18	12:15:42	800	3.94
11/12/18	12:15:42	305	3.94
11/12/18	12:17:23	785	3.94
11/12/18	12:17:26	304	3.94
11/12/18	12:19:06	1,090	3.94
11/12/18	12:20:08	1,090	3.94
11/12/18	12:20:11	4,888	3.94
11/12/18	12:20:11	506	3.94
11/12/18	12:22:56	1,089	3.94
11/12/18	12:23:20	1,242	3.94
11/12/18	12:24:52	1,585	3.94
11/12/18	12:27:06	782	3.94
11/12/18	12:27:06	464	3.94
11/12/18	12:32:41	1,090	3.94
11/12/18	12:34:18	799	3.94
11/12/18	12:34:18	291	3.94
11/12/18	12:35:57	2,294	3.94
11/12/18	12:35:57	1,288	3.94
11/12/18	12:36:11	1,189	3.94
11/12/18	12:36:33	266	3.94
11/12/18	12:36:33	726	3.94
11/12/18	12:38:34	1,220	3.94
11/12/18	12:38:34	1,091	3.94
11/12/18	12:40:16	1,267	3.94
11/12/18	12:44:56	4,599	3.94
11/12/18	12:44:56	294	3.94
11/12/18	12:47:04	1,638	3.94
11/12/18	12:49:11	1,088	3.94
11/12/18	12:53:13	1,091	3.94
11/12/18	12:53:13	1,089	3.94
11/12/18	12:53:13	1,282	3.94
11/12/18	12:53:13	1,089	3.94
11/12/18	12:54:43	1,088	3.94
11/12/18	12:55:03	1,274	3.94
11/12/18	12:57:38	1,090	3.94
11/12/18	12:57:38	1,306	3.94





11/12/18	12:58:04	1,284	3.93
11/12/18	13:00:10	1,232	3.93
11/12/18	13:00:10	1,090	3.93
11/12/18	13:01:18	1,232	3.93
11/12/18	13:04:32	7	3.94
11/12/18	13:04:32	1,081	3.94
11/12/18	13:06:37	1,088	3.94
11/12/18	13:06:37	1,090	3.94
11/12/18	13:07:22	1,090	3.94
11/12/18	13:07:22	1,633	3.93
11/12/18	13:08:55	1,238	3.93
11/12/18	13:12:59	1,090	3.94
11/12/18	13:12:59	1,848	3.94
11/12/18	13:12:59	1,090	3.94
11/12/18	13:15:22	1,238	3.94
11/12/18	13:18:03	929	3.94
11/12/18	13:18:03	304	3.94
11/12/18	13:18:03	1,129	3.94
11/12/18	13:21:07	800	3.94
11/12/18	13:21:07	1,091	3.94
11/12/18	13:21:07	464	3.94
11/12/18	13:23:16	2,060	3.94
11/12/18	13:27:04	1,101	3.94
11/12/18	13:28:29	776	3.95
11/12/18	13:28:29	1,454	3.95
11/12/18	13:28:29	1,090	3.95
11/12/18	13:30:02	1,277	3.94
11/12/18	13:35:33	268	3.95
11/12/18	13:35:33	1,341	3.95
11/12/18	13:35:51	1,090	3.95
11/12/18	13:36:47	1,920	3.95
11/12/18	13:36:47	207	3.95
11/12/18	13:38:02	3,008	3.95
11/12/18	13:39:01	3,080	3.95
11/12/18	13:41:09	2,159	3.95
11/12/18	13:42:48	2,058	3.95
11/12/18	13:44:24	1,060	3.96
11/12/18	13:44:24	2,005	3.96



11/12/18	13:47:56	1,091	3.96
11/12/18	13:49:48	1,317	3.97
11/12/18	13:50:32	4,127	3.97
11/12/18	13:51:07	1,091	3.97
11/12/18	13:52:01	1,284	3.96
11/12/18	13:54:03	1,091	3.96
11/12/18	13:54:04	1,244	3.96
11/12/18	13:55:21	400	3.96
11/12/18	13:56:00	877	3.96
11/12/18	13:56:00	2,146	3.96
11/12/18	13:58:38	1,267	3.96
11/12/18	13:58:38	1,091	3.96
11/12/18	13:59:58	1,703	3.96
11/12/18	14:04:23	1,094	3.96
11/12/18	14:04:25	4,734	3.96
11/12/18	14:06:04	987	3.96
11/12/18	14:06:04	910	3.96
11/12/18	14:08:06	1,092	3.96
11/12/18	14:08:47	1,093	3.96
11/12/18	14:11:00	313	3.96
11/12/18	14:11:00	1,042	3.96
11/12/18	14:11:00	1,715	3.96
11/12/18	14:11:00	1,090	3.96
11/12/18	14:13:28	1,091	3.96
11/12/18	14:13:28	1,292	3.96
11/12/18	14:13:28	1,088	3.96
11/12/18	14:14:25	1,218	3.96
11/12/18	14:14:45	1,270	3.96
11/12/18	14:15:46	1,275	3.96
11/12/18	14:17:22	1,630	3.96
11/12/18	14:17:22	301	3.96
11/12/18	14:19:35	1,510	3.96
11/12/18	14:19:35	1,142	3.96
11/12/18	14:24:50	2,773	3.96
11/12/18	14:24:50	3,773	3.96
11/12/18	14:26:24	3,124	3.96
11/12/18	14:27:22	1,293	3.96
11/12/18	14:29:32	1,456	3.97



11/12/18	14:29:32	1,089	3.97
11/12/18	14:30:04	1,963	3.97
11/12/18	14:31:11	920	3.96
11/12/18	14:31:31	356	3.96
11/12/18	14:31:31	1,090	3.96
11/12/18	14:32:13	1,236	3.96
11/12/18	14:32:35	1,266	3.96
11/12/18	14:33:34	1,207	3.96
11/12/18	14:34:10	1,672	3.96
11/12/18	14:36:07	1,677	3.96
11/12/18	14:36:07	1,088	3.96
11/12/18	14:38:32	1,895	3.96
11/12/18	14:38:49	1,094	3.96
11/12/18	14:38:53	1,089	3.96
11/12/18	14:38:53	1,088	3.96
11/12/18	14:39:52	1,240	3.96
11/12/18	14:40:44	1,216	3.96
11/12/18	14:42:28	1,721	3.96
11/12/18	14:42:28	1,093	3.96
11/12/18	14:42:51	1,254	3.96
11/12/18	14:44:10	1,261	3.96
11/12/18	14:45:35	1,298	3.96
11/12/18	14:45:35	1,090	3.96
11/12/18	14:47:34	3,127	3.96
11/12/18	14:48:22	1,535	3.96
11/12/18	14:50:10	1,267	3.96
11/12/18	14:50:10	1,088	3.96
11/12/18	14:50:20	568	3.96
11/12/18	14:50:20	526	3.96
11/12/18	14:53:32	1,088	3.97
11/12/18	14:53:33	3,378	3.97
11/12/18	14:54:11	2,820	3.97
11/12/18	14:54:11	93	3.97
11/12/18	14:55:57	1,217	3.97
11/12/18	14:55:57	1,093	3.97
11/12/18	14:55:57	581	3.97
11/12/18	14:56:20	511	3.97
11/12/18	14:56:38	1,990	3.97



11/12/18	14:58:55	1,467	3.97
11/12/18	14:58:55	1,092	3.97
11/12/18	14:58:55	1,089	3.97
11/12/18	15:00:04	1,091	3.97
11/12/18	15:00:45	1,088	3.97
11/12/18	15:01:45	1,095	3.97
11/12/18	15:02:26	1,000	3.97
11/12/18	15:04:10	1,091	3.97
11/12/18	15:04:39	1,306	3.97
11/12/18	15:04:39	306	3.97
11/12/18	15:04:39	1,039	3.97
11/12/18	15:05:33	630	3.97
11/12/18	15:05:33	2,184	3.97
11/12/18	15:05:33	2,180	3.97
11/12/18	15:06:12	1,238	3.97
11/12/18	15:06:40	700	3.97
11/12/18	15:09:10	2,444	3.98
11/12/18	15:09:15	880	3.98
11/12/18	15:09:20	905	3.98
11/12/18	15:09:53	1,093	3.98
11/12/18	15:10:12	1,170	3.98
11/12/18	15:10:12	1,092	3.98
11/12/18	15:10:41	1,214	3.98
11/12/18	15:11:17	1,296	3.98
11/12/18	15:12:17	1,011	3.97
11/12/18	15:12:17	288	3.97
11/12/18	15:13:01	1,224	3.97
11/12/18	15:14:34	1,092	3.98
11/12/18	15:14:34	2,061	3.98
11/12/18	15:15:59	1,541	3.98
11/12/18	15:15:59	784	3.98
11/12/18	15:16:16	1,216	3.98
11/12/18	15:17:13	1,637	3.98
11/12/18	15:20:00	829	3.98
11/12/18	15:20:01	263	3.98
11/12/18	15:20:06	3,421	3.98
11/12/18	15:20:06	1,040	3.98
11/12/18	15:20:43	1,284	3.98



11/12/18	15:21:40	1,234	3.98
11/12/18	15:22:12	218	3.98
11/12/18	15:22:17	1,031	3.98
11/12/18	15:23:16	1,752	3.98
11/12/18	15:23:41	1,235	3.98
11/12/18	15:26:11	144	3.99
11/12/18	15:26:18	1,088	3.99
11/12/18	15:26:18	2,816	3.99
11/12/18	15:26:52	1,706	3.98
11/12/18	15:27:08	661	3.98
11/12/18	15:27:53	1,236	3.98
11/12/18	15:29:01	1,572	3.98
11/12/18	15:29:01	1,098	3.98
11/12/18	15:29:51	26	3.99
11/12/18	15:30:27	1,094	3.99
11/12/18	15:30:51	2,496	3.99
11/12/18	15:30:51	182	3.99
11/12/18	15:31:09	1,282	3.99
11/12/18	15:31:42	1,276	3.99
11/12/18	15:32:34	1,244	3.99
11/12/18	15:33:14	1,812	3.99
11/12/18	15:35:02	1,866	3.98
11/12/18	15:35:02	1,429	3.98
11/12/18	15:35:38	1,297	3.98
11/12/18	15:36:39	1,296	3.97
11/12/18	15:36:39	1,092	3.97
11/12/18	15:39:32	3,073	3.98
11/12/18	15:40:41	1,088	3.98
11/12/18	15:40:41	1,404	3.98
11/12/18	15:40:41	2,179	3.98
11/12/18	15:41:35	1,267	3.98
11/12/18	15:43:07	1,153	3.99
11/12/18	15:43:07	1,091	3.99
11/12/18	15:43:08	1,905	3.99
11/12/18	15:43:08	64	3.99
11/12/18	15:43:48	500	3.99
11/12/18	15:43:57	768	3.99
11/12/18	15:45:22	612	3.99



11/12/18	15:45:22	1,691	3.99
11/12/18	15:45:22	589	3.99
11/12/18	15:46:27	735	3.99
11/12/18	15:46:49	1,095	3.99
11/12/18	15:47:16	1,905	3.99
11/12/18	15:47:46	1,098	3.98
11/12/18	15:49:16	3,674	3.98
11/12/18	15:49:16	132	3.98
11/12/18	15:50:13	2,111	3.98
11/12/18	15:51:02	1,000	3.98
11/12/18	15:51:02	728	3.98
11/12/18	15:51:33	1,223	3.98
11/12/18	15:52:32	1,898	3.98
11/12/18	15:53:52	910	3.98
11/12/18	15:53:52	2,259	3.98
11/12/18	15:54:03	111	3.98
11/12/18	15:54:45	1,231	3.98
11/12/18	15:55:54	1,285	3.98
11/12/18	15:56:57	1,088	3.98
11/12/18	15:57:03	228	3.98
11/12/18	15:57:11	1,130	3.98
11/12/18	15:57:11	3,045	3.98
11/12/18	15:58:31	1,685	3.98
11/12/18	15:58:31	1,618	3.98
11/12/18	15:59:09	1,225	3.98
11/12/18	16:00:39	419	3.98
11/12/18	16:00:39	1,154	3.98
11/12/18	16:00:39	1,146	3.98
11/12/18	16:00:39	1,249	3.98
11/12/18	16:01:08	1,333	3.98
11/12/18	16:02:21	2,720	3.98
11/12/18	16:02:59	1,979	3.98
11/12/18	16:05:35	3,302	3.98
11/12/18	16:06:08	1,088	3.98
11/12/18	16:06:40	1,088	3.98
11/12/18	16:06:53	1,088	3.98
11/12/18	16:07:27	799	3.98
11/12/18	16:07:27	289	3.98



11/12/18	16:08:00	1,088	3.98
11/12/18	16:08:08	1,088	3.98
11/12/18	16:08:40	3,371	3.98
11/12/18	16:08:40	1,088	3.98
11/12/18	16:09:24	830	3.98
11/12/18	16:09:24	968	3.98
11/12/18	16:10:35	1,099	3.98
11/12/18	16:10:35	1,344	3.98
11/12/18	16:11:54	3,964	3.98
11/12/18	16:13:33	1,095	3.98
11/12/18	16:13:33	3,020	3.98
11/12/18	16:14:28	1,608	3.98
11/12/18	16:14:28	1,101	3.98
11/12/18	16:14:49	1,088	3.98
11/12/18	16:16:09	4,613	3.98
11/12/18	16:16:27	1,227	3.98
11/12/18	16:16:59	1,817	3.99
11/12/18	16:17:58	1,786	3.99
11/12/18	16:18:14	2,504	3.99
11/12/18	16:19:43	5,715	3.99
11/12/18	16:19:51	799	3.99
11/12/18	16:19:59	50	3.99
11/12/18	16:19:59	1,817	3.99
11/12/18	16:20:00	267	3.99
11/12/18	16:21:02	1,118	3.99
11/12/18	16:21:03	91	3.99
11/12/18	16:21:03	1,096	3.99
11/12/18	16:21:27	569	3.99
11/12/18	16:21:52	390	3.99
11/12/18	16:21:57	600	3.99
11/12/18	16:22:14	998	3.99
11/12/18	16:22:14	1,092	3.99
11/12/18	16:22:15	1,102	3.99
11/12/18	16:22:37	1,350	3.99
11/12/18	16:24:01	1,101	3.99
11/12/18	16:24:22	1,094	3.99
11/12/18	16:24:24	4,529	3.99
11/12/18	16:24:48	1,309	3.99



11/12/18	16:25:09	1,101	3.99
11/12/18	16:25:09	1,099	3.99
11/12/18	16:26:07	4,416	3.99
11/12/18	16:27:23	1,949	3.99
11/12/18	16:27:25	1,546	3.99
11/12/18	16:27:27	2,071	3.99
12/12/18	08:00:55	2,129	3.98
12/12/18	08:01:15	1,810	3.98
12/12/18	08:02:02	1,782	3.98
12/12/18	08:02:02	24,933	3.98
12/12/18	08:02:02	3,188	3.98
12/12/18	08:02:02	3,147	3.98
12/12/18	08:02:02	1,891	3.98
12/12/18	08:02:04	9,984	3.98
12/12/18	08:02:04	2,167	3.98
12/12/18	08:02:04	2,167	3.98
12/12/18	08:02:04	2,167	3.98
12/12/18	08:02:04	9,645	3.98
12/12/18	08:02:04	2,644	3.98
12/12/18	08:02:04	3,068	3.98
12/12/18	08:02:04	233	3.98
12/12/18	08:02:11	1,209	3.98
12/12/18	08:02:11	2,400	3.98
12/12/18	08:02:11	2,205	3.98
12/12/18	08:02:11	16,547	3.98
12/12/18	08:02:11	3,777	3.98
12/12/18	08:02:41	551	3.98
12/12/18	08:02:51	2,155	3.98
12/12/18	08:02:51	1,444	3.98
12/12/18	08:02:51	19,635	3.98
12/12/18	08:02:51	1,723	3.98
12/12/18	08:40:42	500	3.99
12/12/18	08:48:23	10,854	3.99
12/12/18	08:48:23	2,349	3.99
12/12/18	08:48:23	1,354	3.99
12/12/18	08:48:23	2,586	3.99
12/12/18	08:48:23	2,419	3.99
12/12/18	08:48:23	3,325	3.99





12/12/18	08:48:23	2,839	3.99
12/12/18	08:48:23	8,716	3.99
12/12/18	08:48:23	2,700	3.99
12/12/18	08:48:23	8,964	3.99
12/12/18	08:48:23	6,500	3.99
12/12/18	08:48:23	3,160	3.99
12/12/18	08:51:57	9,500	3.99
12/12/18	08:51:57	1,645	3.99
12/12/18	08:55:56	937	3.99
12/12/18	08:55:57	1,035	3.99
12/12/18	08:55:58	827	3.99
12/12/18	08:56:26	1,000	3.99
12/12/18	08:56:26	3,589	3.99
12/12/18	08:56:26	2,665	3.99
12/12/18	08:56:26	1,087	3.99
12/12/18	08:56:26	1,419	3.99
12/12/18	08:56:26	10,134	3.99
12/12/18	08:56:26	3,073	3.99
12/12/18	08:56:26	3,200	3.99
12/12/18	08:56:27	1,693	3.99
12/12/18	08:56:47	1,103	3.99
12/12/18	08:56:47	7,095	3.99
12/12/18	08:56:47	2,600	3.99
12/12/18	08:56:48	20,704	3.99
12/12/18	08:56:48	1,896	3.99
12/12/18	08:56:48	17,089	3.99
12/12/18	08:56:48	7,920	3.99
12/12/18	08:56:48	3,615	3.99
12/12/18	08:59:39	1,087	3.99
12/12/18	09:01:04	250	3.99
12/12/18	09:01:04	2,764	3.99
12/12/18	09:01:06	1,089	3.99
12/12/18	10:21:18	2,600	3.99
12/12/18	10:21:18	2,240	3.99
12/12/18	10:21:18	2,175	3.99
12/12/18	10:21:18	1,524	3.99
12/12/18	10:21:18	1,128	3.99
12/12/18	10:21:21	1,778	3.99



12/12/18	10:21:52	200	3.99
12/12/18	10:21:52	80	3.99
12/12/18	10:21:52	807	3.99
12/12/18	10:22:25	2,469	3.99
12/12/18	10:23:18	2,529	3.99