



Report on the purchase of treasury shares and update of the share buyback program

San Donato Milanese (Milan), 7 December 2016 – During the period from 2 December 2016 to 6 December 2016 Snam acquired n. 4,552,864 own shares at an average price per share equal to 3.5178 euro, for an aggregate amount of 16,016,093.59 euro. The purchases were made within the authorization to purchase treasury shares approved at Snam's Shareholder Meeting on 1 August 2016. The start of the purchase plan was announced to the market on 7 November 2016, pursuant to art. 144-bis of Consob Regulation 11971/1999.

On the basis of information provided by the intermediary agent appointed for the implementation of the share buyback program, the details of the purchases of treasury shares on the MTA (Electronic Stock Market) on a daily basis are reported below:

Date	Number of ordinary shares purchased	Average price (euro)	Consideration (euro)
02/12/2016	1,348,614	3.4962	4,715,024.27
05/12/2016	3,204,250	3.5269	11,301,069.33
06/12/2016	0	-	-

Since the start of the purchase plan Snam acquired n. 22,405,440 own shares (equal to 0.64% of the share capital), for an aggregate amount of 79,240,417.74 euro.

Following the purchases announced today, and taking into consideration the treasury shares already held, on 6 December 2016 Snam holds n. 23,532,690 shares equal to 0.67% of the share capital.

The details of the daily transactions are reported at the end of this press release.

Snam has modified the mandate conferred for the first part of the share buyback program, switching to an enhanced buyback agreement with a primary intermediary



agent. The intermediary agent will make its decisions in relation to the purchases independently, also complying with daily limits on prices and volumes and with the above mentioned resolution and the legislation applicable.

Possible purchases will be made on the MTA, in compliance with Art. 144-bis, paragraph 1, comma b) of Consob Regulation 11971/1999 and other applicable provisions, in order to respect the equal treatment of shareholders pursuant to art. 132 of the Consolidated Finance Act (T.U.F.), as well as according to the operating procedures established in the regulations for the organization and management of the Italian Stock Exchange S.p.A.

Snam will communicate to the market, under current provisions, the details of any purchases made.



TRANSACTIONS			
DETAILS			
TRANSACTION DATE (dd/mm/yy)	TIME (GMT)	AMOUNT	PRICE
2/12/16	08:01:04	2,427	3.52
2/12/16	08:01:10	3,381	3.52
2/12/16	08:01:10	3,381	3.52
2/12/16	08:01:11	3,621	3.52
2/12/16	08:01:12	3,098	3.51
2/12/16	08:02:15	2,509	3.51
2/12/16	08:03:03	2,392	3.51
2/12/16	08:06:10	2,893	3.52
2/12/16	08:06:30	2,570	3.52
2/12/16	08:06:31	2,383	3.52
2/12/16	08:06:32	2,811	3.52
2/12/16	08:06:42	2,152	3.52
2/12/16	08:07:43	418	3.52
2/12/16	08:07:56	1,800	3.52
2/12/16	08:08:00	1,800	3.52
2/12/16	08:08:16	3,323	3.52
2/12/16	08:08:24	3,113	3.52
2/12/16	08:08:29	1,998	3.52
2/12/16	08:08:31	1	3.52
2/12/16	08:08:31	2,000	3.52
2/12/16	08:08:31	581	3.52
2/12/16	08:08:34	1,000	3.52
2/12/16	08:08:34	3,989	3.52
2/12/16	08:08:36	3,748	3.52
2/12/16	08:09:14	2,798	3.52
2/12/16	08:09:14	1,292	3.52
2/12/16	08:09:14	3,010	3.52
2/12/16	08:09:50	6,209	3.52
2/12/16	08:09:50	2,830	3.52
2/12/16	08:09:50	1,333	3.52
2/12/16	08:10:17	2,190	3.52
2/12/16	08:10:25	1,500	3.51



2/12/16	08:10:25	2,403	3.51
2/12/16	08:10:26	1,653	3.51
2/12/16	08:10:26	1,500	3.51
2/12/16	08:10:36	5,981	3.51
2/12/16	08:10:54	4,281	3.51
2/12/16	08:11:55	9,478	3.52
2/12/16	08:12:19	8,751	3.52
2/12/16	08:12:29	361	3.52
2/12/16	08:12:29	3,000	3.52
2/12/16	08:12:29	479	3.52
2/12/16	08:13:10	8,833	3.51
2/12/16	08:13:10	2,249	3.51
2/12/16	08:14:07	2,390	3.51
2/12/16	08:16:39	3,206	3.51
2/12/16	08:16:39	5,440	3.51
2/12/16	08:16:47	2,688	3.51
2/12/16	08:16:47	54	3.51
2/12/16	08:16:47	2,562	3.51
2/12/16	08:17:26	2,267	3.51
2/12/16	08:20:53	2,083	3.52
2/12/16	08:20:53	1,634	3.52
2/12/16	08:20:53	449	3.52
2/12/16	08:20:53	1,634	3.52
2/12/16	08:20:53	494	3.52
2/12/16	08:20:53	1,288	3.52
2/12/16	08:20:53	2,257	3.52
2/12/16	08:20:59	6,240	3.51
2/12/16	08:21:00	2,270	3.51
2/12/16	08:21:49	4,004	3.51
2/12/16	08:22:13	9,195	3.51
2/12/16	08:22:13	5,305	3.51
2/12/16	08:22:27	3,278	3.51
2/12/16	08:22:33	169	3.51
2/12/16	08:22:33	3,762	3.51
2/12/16	08:22:55	75	3.51
2/12/16	08:22:55	3,642	3.51
2/12/16	08:23:11	2,497	3.51
2/12/16	08:23:11	2,074	3.51
2/12/16	08:24:12	3,109	3.51
2/12/16	08:24:12	2,300	3.51



2/12/16	08:24:12	825	3.51
2/12/16	08:26:05	2,547	3.51
2/12/16	08:26:05	2,571	3.51
2/12/16	08:27:54	3,051	3.50
2/12/16	08:28:34	2,117	3.50
2/12/16	08:30:12	2,273	3.50
2/12/16	08:30:12	2,125	3.50
2/12/16	08:30:21	2,274	3.50
2/12/16	08:30:21	2,827	3.50
2/12/16	08:30:42	2,500	3.50
2/12/16	08:30:42	1,587	3.50
2/12/16	08:30:44	2,264	3.50
2/12/16	08:30:46	2,710	3.50
2/12/16	08:30:46	2,486	3.50
2/12/16	08:33:36	2,441	3.50
2/12/16	08:33:36	2,221	3.50
2/12/16	08:33:38	1,021	3.50
2/12/16	08:33:47	315	3.50
2/12/16	08:34:00	53	3.50
2/12/16	08:34:06	1,851	3.50
2/12/16	08:34:06	253	3.50
2/12/16	08:34:13	1,896	3.50
2/12/16	08:37:16	1,412	3.50
2/12/16	08:37:16	3,788	3.50
2/12/16	08:37:33	2,890	3.50
2/12/16	08:37:33	2,000	3.50
2/12/16	08:37:33	1,436	3.50
2/12/16	08:39:58	2,115	3.50
2/12/16	08:41:10	2,073	3.50
2/12/16	08:41:21	2,426	3.50
2/12/16	08:41:22	2,500	3.50
2/12/16	08:41:22	152	3.50
2/12/16	08:41:51	4,933	3.50
2/12/16	08:43:04	3,158	3.50
2/12/16	08:43:05	2,104	3.50
2/12/16	08:43:58	2,185	3.50
2/12/16	08:45:09	2,053	3.50
2/12/16	08:45:09	117	3.50
2/12/16	08:45:09	3,734	3.50
2/12/16	08:45:09	2,736	3.50



2/12/16	08:45:09	998	3.50
2/12/16	08:45:09	1,385	3.50
2/12/16	08:48:47	3,151	3.50
2/12/16	08:50:03	2,715	3.50
2/12/16	08:50:03	3,381	3.50
2/12/16	08:54:02	2,379	3.50
2/12/16	08:54:03	2,631	3.50
2/12/16	08:54:03	105	3.50
2/12/16	08:56:23	2,412	3.50
2/12/16	08:56:23	2,595	3.50
2/12/16	08:57:59	1,677	3.50
2/12/16	08:59:04	2,800	3.50
2/12/16	08:59:04	840	3.50
2/12/16	08:59:45	3,228	3.50
2/12/16	08:59:45	2,483	3.50
2/12/16	09:00:04	886	3.50
2/12/16	09:00:36	1,326	3.50
2/12/16	09:00:36	2,292	3.50
2/12/16	09:04:11	2,570	3.50
2/12/16	09:04:11	2,541	3.50
2/12/16	09:04:11	2,178	3.50
2/12/16	09:05:45	2,025	3.49
2/12/16	09:05:54	2,617	3.49
2/12/16	09:07:15	2,500	3.49
2/12/16	09:07:15	1,623	3.49
2/12/16	09:10:20	2,308	3.49
2/12/16	09:10:20	1,546	3.49
2/12/16	09:10:20	1,172	3.49
2/12/16	09:10:20	156	3.49
2/12/16	09:10:20	1,507	3.49
2/12/16	09:10:25	2,213	3.49
2/12/16	09:11:06	800	3.49
2/12/16	09:11:52	2,118	3.49
2/12/16	09:14:51	2,443	3.48
2/12/16	09:14:51	2,375	3.48
2/12/16	09:14:51	409	3.48
2/12/16	09:14:51	1,419	3.48
2/12/16	09:14:51	267	3.48
2/12/16	09:15:13	2,015	3.48
2/12/16	09:15:14	2,263	3.48



2/12/16	09:17:24	2,003	3.48
2/12/16	09:17:53	2,580	3.48
2/12/16	09:17:55	2,818	3.48
2/12/16	09:18:58	2,105	3.48
2/12/16	09:19:17	1,694	3.48
2/12/16	09:19:17	484	3.48
2/12/16	09:19:20	2,035	3.48
2/12/16	09:20:08	407	3.48
2/12/16	09:20:09	1,816	3.48
2/12/16	09:20:33	81	3.48
2/12/16	09:21:03	2,283	3.48
2/12/16	09:22:55	2,366	3.48
2/12/16	09:22:56	2,343	3.48
2/12/16	09:25:14	2,500	3.48
2/12/16	09:25:14	280	3.48
2/12/16	09:25:15	881	3.48
2/12/16	09:29:57	4,467	3.48
2/12/16	09:29:58	2,195	3.48
2/12/16	09:29:58	1,116	3.48
2/12/16	09:30:09	3,247	3.48
2/12/16	09:30:42	2,770	3.49
2/12/16	09:30:56	2,107	3.48
2/12/16	09:34:16	2,203	3.48
2/12/16	09:34:16	2,767	3.48
2/12/16	09:39:19	2,124	3.48
2/12/16	09:39:19	2,720	3.48
2/12/16	09:40:12	1,500	3.48
2/12/16	09:42:11	2,331	3.48
2/12/16	09:42:11	2,338	3.48
2/12/16	09:42:11	372	3.48
2/12/16	09:43:15	835	3.48
2/12/16	09:43:15	1,424	3.48
2/12/16	09:43:15	1,081	3.48
2/12/16	09:43:15	669	3.48
2/12/16	09:43:21	1,518	3.48
2/12/16	09:43:21	923	3.48
2/12/16	09:43:21	897	3.48
2/12/16	09:44:23	2,829	3.48
2/12/16	09:44:23	2,063	3.48
2/12/16	09:44:30	2,203	3.48



2/12/16	09:45:07	2,264	3.48
2/12/16	09:45:07	2,306	3.48
2/12/16	09:45:07	454	3.48
2/12/16	09:45:07	1,737	3.48
2/12/16	09:46:46	5,532	3.48
2/12/16	09:46:46	4,313	3.48
2/12/16	09:47:01	5,349	3.48
2/12/16	09:47:07	3,786	3.48
2/12/16	09:47:07	4,317	3.48
2/12/16	09:47:31	2,202	3.48
2/12/16	09:49:24	6,711	3.49
2/12/16	09:49:24	6,542	3.49
2/12/16	09:49:33	5,655	3.48
2/12/16	09:49:33	2,784	3.48
2/12/16	09:49:33	688	3.48
2/12/16	09:49:33	1,163	3.48
2/12/16	09:49:33	1,000	3.48
2/12/16	09:49:34	4,108	3.48
2/12/16	09:49:34	1,686	3.48
2/12/16	09:49:34	2,045	3.48
2/12/16	09:49:50	6,233	3.48
2/12/16	09:49:50	3,180	3.48
2/12/16	09:49:50	904	3.48
2/12/16	09:49:50	1,934	3.48
2/12/16	09:51:29	6,219	3.48
2/12/16	09:51:29	1,495	3.48
2/12/16	09:51:29	50	3.48
2/12/16	09:51:29	1,103	3.48
2/12/16	09:51:29	2,570	3.48
2/12/16	09:51:29	1,681	3.48
2/12/16	09:51:29	2,042	3.48
2/12/16	09:51:29	912	3.48
2/12/16	09:53:22	5,488	3.48
2/12/16	09:53:22	56	3.48
2/12/16	09:53:22	4,524	3.48
2/12/16	09:53:23	3,214	3.48
2/12/16	09:53:51	798	3.49
2/12/16	09:53:51	3,653	3.49
2/12/16	09:54:22	6,109	3.49
2/12/16	09:54:22	6,327	3.49



2/12/16	09:54:34	1,803	3.49
2/12/16	09:54:34	534	3.49
2/12/16	09:54:35	77	3.49
2/12/16	09:55:01	5,618	3.49
2/12/16	09:55:01	4,638	3.49
2/12/16	09:55:35	6,089	3.49
2/12/16	09:55:35	5,479	3.49
2/12/16	09:55:51	6,392	3.49
2/12/16	09:55:51	6,770	3.49
2/12/16	09:56:28	5,624	3.49
2/12/16	09:56:28	2,000	3.49
2/12/16	09:56:28	1,561	3.49
2/12/16	09:57:26	2,608	3.49
2/12/16	09:57:26	2,000	3.49
2/12/16	09:57:26	1,197	3.49
2/12/16	09:58:07	160	3.49
2/12/16	09:59:09	2,292	3.49
2/12/16	09:59:09	28	3.49
2/12/16	09:59:09	838	3.49
2/12/16	09:59:09	322	3.49
2/12/16	09:59:09	661	3.49
2/12/16	09:59:58	2,046	3.49
2/12/16	09:59:58	2,300	3.49
2/12/16	09:59:58	26	3.49
2/12/16	10:00:20	2,175	3.48
2/12/16	10:00:54	2,002	3.48
2/12/16	10:01:26	266	3.48
2/12/16	10:03:12	4,353	3.49
2/12/16	10:04:02	3,390	3.49
2/12/16	10:04:07	3,628	3.49
2/12/16	10:04:08	200	3.49
2/12/16	10:04:08	2,810	3.49
2/12/16	10:04:37	3,105	3.49
2/12/16	10:04:38	3,211	3.49
2/12/16	10:04:38	2,313	3.49
2/12/16	10:04:38	4,276	3.49
2/12/16	10:04:38	2,396	3.49
2/12/16	10:05:25	382	3.49
2/12/16	10:05:31	1,900	3.49
2/12/16	10:05:31	4,269	3.49



2/12/16	10:08:11	2,784	3.49
2/12/16	10:08:11	1,734	3.49
2/12/16	10:08:43	2,688	3.49
2/12/16	10:11:26	3,175	3.49
2/12/16	10:13:05	7,552	3.49
2/12/16	10:13:05	3,294	3.49
2/12/16	10:13:05	2,600	3.49
2/12/16	10:13:05	2,760	3.49
2/12/16	10:18:27	9,803	3.49
2/12/16	10:18:27	8,723	3.49
2/12/16	10:24:06	3,240	3.49
2/12/16	10:24:06	3,885	3.49
2/12/16	10:24:08	2,288	3.49
2/12/16	10:24:08	58	3.49
2/12/16	10:26:00	2,028	3.49
2/12/16	10:30:18	2,215	3.48
2/12/16	10:33:21	2,032	3.48
2/12/16	10:33:22	2,015	3.48
2/12/16	10:37:50	3,160	3.48
2/12/16	10:37:50	2,378	3.48
2/12/16	10:47:19	6,440	3.48
2/12/16	10:47:19	5,303	3.48
2/12/16	10:47:19	571	3.48
2/12/16	10:47:19	6,313	3.48
2/12/16	10:47:25	5,828	3.48
2/12/16	10:47:26	5,307	3.48
2/12/16	10:47:26	4,744	3.48
2/12/16	10:47:26	3,761	3.48
2/12/16	10:47:26	3,284	3.48
2/12/16	10:49:28	2,134	3.48
2/12/16	10:51:02	2,198	3.48
2/12/16	10:51:03	2,327	3.48
2/12/16	10:51:18	3,681	3.48
2/12/16	10:52:35	2,080	3.48
2/12/16	10:55:32	2,497	3.48
2/12/16	10:55:32	2,166	3.48
2/12/16	10:57:51	2,356	3.48
2/12/16	11:02:01	198	3.48
2/12/16	11:02:01	5,090	3.48
2/12/16	11:02:05	9,465	3.49



2/12/16	11:02:05	2,500	3.49
2/12/16	11:02:05	6,965	3.49
2/12/16	11:04:20	9,809	3.49
2/12/16	11:04:21	9,857	3.49
2/12/16	11:04:21	4,976	3.49
2/12/16	11:04:21	2,376	3.49
2/12/16	11:04:22	703	3.49
2/12/16	11:04:22	28	3.49
2/12/16	11:04:22	909	3.49
2/12/16	11:04:22	6,167	3.49
2/12/16	11:04:23	7,254	3.49
2/12/16	11:04:23	2,345	3.49
2/12/16	11:04:23	9,748	3.49
2/12/16	11:04:23	8,506	3.49
2/12/16	11:04:48	6,140	3.48
2/12/16	11:04:48	3,079	3.48
2/12/16	11:04:48	2,502	3.48
2/12/16	11:06:39	5,792	3.48
2/12/16	12:01:31	6,893	3.50
2/12/16	12:01:31	2,838	3.50
2/12/16	12:01:31	5,219	3.50
2/12/16	12:01:32	14,000	3.50
2/12/16	12:01:32	5,219	3.50
2/12/16	12:01:32	2,500	3.50
2/12/16	12:01:32	1,536	3.50
2/12/16	12:02:12	2,500	3.50
2/12/16	12:12:55	3,000	3.50
2/12/16	12:13:09	4,294	3.50
2/12/16	12:13:09	2,838	3.50
2/12/16	12:13:09	1,851	3.50
2/12/16	12:26:45	5,000	3.50
2/12/16	12:26:57	2,004	3.50
2/12/16	12:29:46	2,277	3.50
2/12/16	12:31:43	8,858	3.50
2/12/16	12:31:43	2,500	3.50
2/12/16	12:31:43	2,500	3.50
2/12/16	12:31:43	4,018	3.50
2/12/16	12:31:44	6,518	3.50
2/12/16	12:31:44	6,518	3.50
2/12/16	12:31:44	686	3.50



2/12/16	12:38:46	3,341	3.50
2/12/16	12:38:46	3,341	3.50
2/12/16	12:38:49	2,673	3.49
2/12/16	12:38:49	2,673	3.49
2/12/16	12:40:05	2,000	3.50
2/12/16	12:40:36	3,185	3.49
2/12/16	12:41:47	9,469	3.49
2/12/16	12:43:39	2,918	3.49
2/12/16	12:47:46	1,516	3.49
2/12/16	12:47:47	2,279	3.49
2/12/16	12:47:47	6,118	3.49
2/12/16	12:47:47	3,510	3.49
2/12/16	12:47:47	2,500	3.49
2/12/16	12:49:10	6,010	3.49
2/12/16	12:50:07	9,927	3.49
2/12/16	12:58:16	2,772	3.49
2/12/16	12:58:16	3,710	3.49
2/12/16	13:06:56	2,498	3.49
2/12/16	13:06:57	2,138	3.49
2/12/16	13:25:00	1,657	3.50
2/12/16	13:29:57	206	3.50
2/12/16	13:31:04	2,234	3.50
2/12/16	13:39:22	2,275	3.50
2/12/16	13:39:25	873	3.50
2/12/16	13:39:25	1,410	3.50
2/12/16	13:40:28	9,543	3.50
2/12/16	13:40:29	2,500	3.50
2/12/16	13:40:29	3	3.50
2/12/16	13:45:26	8,262	3.50
2/12/16	13:45:26	2,412	3.50
2/12/16	13:45:26	2,412	3.50
2/12/16	13:45:28	3,788	3.50
2/12/16	13:47:59	1,858	3.50
2/12/16	13:48:27	1,119	3.50
2/12/16	13:49:28	4,590	3.50
2/12/16	13:49:29	2,709	3.50
2/12/16	13:49:29	2,500	3.50
2/12/16	13:49:29	3,071	3.50
2/12/16	13:49:29	2,500	3.50
2/12/16	13:50:09	2,883	3.50



2/12/16	13:50:12	502	3.50
2/12/16	14:00:03	1,145	3.50
2/12/16	14:00:08	1,593	3.50
2/12/16	14:00:08	2,474	3.50
2/12/16	14:00:36	4,186	3.50
2/12/16	14:00:36	5,496	3.50
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2/12/16	14:04:41	1,788	3.50
2/12/16	14:04:41	454	3.50
2/12/16	14:04:41	1,821	3.50
2/12/16	14:04:41	1,821	3.50
2/12/16	14:04:41	2,506	3.50
2/12/16	14:04:43	2,264	3.50
2/12/16	14:05:01	48	3.50
2/12/16	14:05:16	4,585	3.50
2/12/16	14:05:16	454	3.50
2/12/16	14:05:28	4,501	3.50
2/12/16	14:05:28	871	3.50
2/12/16	14:05:28	2,241	3.50
2/12/16	14:06:07	5,402	3.50
2/12/16	14:06:07	953	3.50
2/12/16	14:06:07	1,148	3.50
2/12/16	14:06:07	2,300	3.50
2/12/16	14:06:07	2,338	3.50
2/12/16	14:12:39	8,732	3.50
2/12/16	14:12:42	1,968	3.50
2/12/16	14:12:50	1,730	3.50
2/12/16	14:14:03	3,094	3.50
2/12/16	14:14:03	2,202	3.50
2/12/16	14:17:18	1,608	3.50
2/12/16	14:22:43	2,355	3.50
2/12/16	14:22:48	1,739	3.50
2/12/16	14:23:55	9,223	3.50
2/12/16	14:23:55	9,024	3.50
2/12/16	14:28:02	3,132	3.50
2/12/16	14:28:02	1,999	3.50
2/12/16	14:28:02	227	3.50
2/12/16	14:28:17	2,732	3.49
2/12/16	14:28:17	2,200	3.49
2/12/16	14:28:17	1,043	3.49



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2/12/16	14:36:36	2,842	3.50
2/12/16	14:36:42	4,518	3.50
2/12/16	14:36:47	1,599	3.50
2/12/16	14:37:17	1,907	3.50
2/12/16	14:38:22	1,992	3.50
2/12/16	14:38:43	2,039	3.50
2/12/16	14:44:47	3,505	3.50
2/12/16	14:44:47	4,193	3.50
2/12/16	14:45:40	2,256	3.51
2/12/16	14:47:09	2,700	3.51
2/12/16	14:49:20	7,589	3.51
2/12/16	14:50:33	8,791	3.51
2/12/16	14:50:33	2,970	3.51
2/12/16	14:50:33	5,945	3.51
2/12/16	14:50:34	2,471	3.51
2/12/16	14:51:43	2,471	3.51
2/12/16	14:51:43	1,566	3.51
2/12/16	14:51:45	3,121	3.51
2/12/16	14:51:45	1,037	3.51
2/12/16	14:51:54	9,236	3.50
2/12/16	14:52:24	2,432	3.51
2/12/16	14:54:30	3,500	3.51
2/12/16	14:56:22	3,085	3.51
2/12/16	14:57:51	8,900	3.52
2/12/16	14:57:51	381	3.52
2/12/16	14:57:52	2,800	3.52
2/12/16	14:59:51	8,471	3.52
2/12/16	14:59:52	9,160	3.52
2/12/16	15:03:07	5,622	3.52
2/12/16	15:03:07	1,368	3.52
5/12/16	08:01:04	2,481	3.56
5/12/16	08:01:10	3,053	3.56
5/12/16	08:01:51	3,240	3.55
5/12/16	08:01:51	794	3.55
5/12/16	08:02:00	2,229	3.54
5/12/16	08:02:00	1,685	3.54
5/12/16	08:02:00	2,555	3.54
5/12/16	08:02:40	3,161	3.53
5/12/16	08:02:43	2,952	3.53



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5/12/16	08:03:47	4,877	3.53
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5/12/16	08:06:49	72	3.56
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5/12/16	08:06:52	350	3.56
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5/12/16	08:06:53	23	3.56
5/12/16	08:07:20	300	3.55
5/12/16	08:07:28	507	3.56
5/12/16	08:07:28	5,069	3.56
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5/12/16	08:07:45	1,793	3.56
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5/12/16	08:07:49	372	3.56
5/12/16	08:07:58	2,000	3.56
5/12/16	08:07:58	260	3.56
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5/12/16	08:08:01	887	3.56
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5/12/16	08:08:16	6,291	3.55
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5/12/16	08:08:56	3,037	3.54
5/12/16	08:09:01	2,072	3.54
5/12/16	08:10:51	2,440	3.54
5/12/16	08:11:25	2,720	3.54
5/12/16	08:11:25	1,394	3.54
5/12/16	08:12:06	2,306	3.54
5/12/16	08:12:36	2,046	3.54
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5/12/16	08:14:12	3,086	3.54
5/12/16	08:14:55	7,459	3.54
5/12/16	08:14:55	238	3.54
5/12/16	08:15:41	2,234	3.55
5/12/16	08:15:41	5,885	3.55
5/12/16	08:15:42	3,337	3.55
5/12/16	08:15:44	2,560	3.55
5/12/16	08:16:00	2,135	3.55



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5/12/16	08:20:35	8,783	3.55
5/12/16	08:20:43	3,410	3.55
5/12/16	08:21:54	8,923	3.55
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5/12/16	08:21:54	3,198	3.55
5/12/16	08:22:19	2,298	3.55
5/12/16	08:22:19	1,929	3.55
5/12/16	08:22:19	4,034	3.55
5/12/16	08:22:19	2,617	3.55
5/12/16	08:22:22	2,320	3.55
5/12/16	08:22:45	3,103	3.55
5/12/16	08:22:53	3,784	3.55
5/12/16	08:23:08	1,000	3.55
5/12/16	08:26:33	2,000	3.56
5/12/16	08:26:33	670	3.56
5/12/16	08:26:33	1,352	3.56
5/12/16	08:26:36	2,000	3.56
5/12/16	08:26:36	606	3.56
5/12/16	08:26:37	2,000	3.56
5/12/16	08:26:37	215	3.56
5/12/16	08:26:40	61	3.56
5/12/16	08:26:40	1,732	3.56
5/12/16	08:26:40	257	3.56
5/12/16	08:26:41	2,000	3.56
5/12/16	08:26:41	254	3.56
5/12/16	08:26:42	2,000	3.56
5/12/16	08:26:42	165	3.56
5/12/16	08:27:10	400	3.56
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5/12/16	08:27:23	3,490	3.56
5/12/16	08:28:02	726	3.56
5/12/16	08:28:02	7,207	3.56
5/12/16	08:28:02	4,706	3.56
5/12/16	08:28:38	4,939	3.56
5/12/16	08:28:38	2,360	3.56
5/12/16	08:28:44	561	3.56
5/12/16	08:28:44	2,299	3.56
5/12/16	08:29:37	3,131	3.55
5/12/16	08:30:30	2,626	3.56



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5/12/16	08:32:03	697	3.57
5/12/16	08:32:03	2,155	3.57
5/12/16	08:32:05	2,000	3.57
5/12/16	08:32:05	65	3.57
5/12/16	08:32:06	210	3.57
5/12/16	08:32:06	3,406	3.57
5/12/16	08:32:06	216	3.57
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5/12/16	08:32:08	353	3.57
5/12/16	08:32:37	4,503	3.57
5/12/16	08:32:37	3,325	3.57
5/12/16	08:32:42	1,628	3.58
5/12/16	08:32:42	1,596	3.58
5/12/16	08:32:42	801	3.58
5/12/16	08:32:56	1,463	3.58
5/12/16	08:32:56	697	3.58
5/12/16	08:33:50	5,655	3.57
5/12/16	08:33:50	358	3.57
5/12/16	08:35:23	526	3.57
5/12/16	08:35:23	2,232	3.57
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5/12/16	08:35:26	3,409	3.57
5/12/16	08:35:29	3,311	3.57
5/12/16	08:35:29	2,232	3.57
5/12/16	08:35:29	526	3.57
5/12/16	08:35:29	553	3.57
5/12/16	08:35:31	3,442	3.57
5/12/16	08:35:31	836	3.57
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5/12/16	08:35:36	8,296	3.57
5/12/16	08:35:36	2,624	3.57
5/12/16	08:35:37	3,568	3.57
5/12/16	08:36:45	8,651	3.58
5/12/16	08:37:55	3,000	3.58
5/12/16	08:38:08	1,618	3.58
5/12/16	08:38:08	7,992	3.58
5/12/16	08:39:28	8,844	3.59
5/12/16	08:39:38	4,647	3.59
5/12/16	08:39:38	2,048	3.59



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5/12/16	08:39:38	2,074	3.59
5/12/16	08:39:49	4,789	3.58
5/12/16	08:39:54	9,142	3.58
5/12/16	08:40:03	6,932	3.58
5/12/16	08:41:02	8,466	3.58
5/12/16	08:41:02	3,139	3.58
5/12/16	08:41:15	3,924	3.58
5/12/16	08:41:15	2,250	3.58
5/12/16	08:41:15	740	3.58
5/12/16	08:41:15	1,837	3.58
5/12/16	08:42:12	2,518	3.56
5/12/16	08:43:30	7,980	3.57
5/12/16	08:43:30	62	3.57
5/12/16	08:43:41	1,250	3.57
5/12/16	08:43:45	1,234	3.57
5/12/16	08:43:47	1,168	3.57
5/12/16	08:43:47	8,220	3.57
5/12/16	08:43:47	4,828	3.57
5/12/16	08:43:47	2,270	3.57
5/12/16	08:44:01	9,548	3.57
5/12/16	08:44:06	2,565	3.57
5/12/16	08:44:06	2,573	3.57
5/12/16	08:44:06	260	3.57
5/12/16	08:44:06	3,946	3.57
5/12/16	08:44:58	9,395	3.58
5/12/16	08:45:05	9,390	3.58
5/12/16	08:45:22	6,317	3.58
5/12/16	08:45:23	9,990	3.58
5/12/16	08:45:23	3,721	3.58
5/12/16	08:45:23	1,633	3.58
5/12/16	08:45:25	1,428	3.57
5/12/16	08:45:27	1,979	3.57
5/12/16	08:45:28	1,546	3.57
5/12/16	08:45:28	4,846	3.57
5/12/16	08:46:07	1,136	3.57
5/12/16	08:46:08	1,912	3.57
5/12/16	08:46:24	5,206	3.57
5/12/16	08:47:14	1,056	3.57
5/12/16	08:47:15	1,250	3.57



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5/12/16	08:48:44	1,489	3.56
5/12/16	08:49:06	682	3.56
5/12/16	08:49:06	1,149	3.56
5/12/16	08:49:08	1,173	3.56
5/12/16	08:49:10	1,597	3.56
5/12/16	08:49:57	1,041	3.56
5/12/16	08:49:58	8,207	3.56
5/12/16	08:49:59	3,974	3.56
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5/12/16	08:50:01	4,655	3.56
5/12/16	08:50:06	2,705	3.56
5/12/16	08:50:40	8,921	3.57
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5/12/16	08:50:43	2,633	3.57
5/12/16	08:50:44	1,140	3.57
5/12/16	08:50:55	1,728	3.57
5/12/16	08:50:57	2,045	3.57
5/12/16	08:51:42	7,027	3.57
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5/12/16	08:52:35	1,263	3.57
5/12/16	08:52:39	933	3.57
5/12/16	08:52:48	9,283	3.58
5/12/16	08:52:49	1,747	3.58
5/12/16	08:52:58	7,771	3.58
5/12/16	08:52:58	1,030	3.58
5/12/16	08:52:58	7,584	3.58
5/12/16	08:52:59	4,794	3.58
5/12/16	08:52:59	1,710	3.58
5/12/16	08:53:16	3,246	3.57
5/12/16	08:53:34	655	3.57
5/12/16	08:53:59	2,157	3.57
5/12/16	08:53:59	101	3.57
5/12/16	08:54:15	5,559	3.57
5/12/16	08:54:24	2,198	3.57
5/12/16	08:55:28	3,096	3.58
5/12/16	08:55:28	9,196	3.58
5/12/16	08:56:14	6,930	3.59
5/12/16	08:56:29	8,864	3.59



5/12/16	08:56:47	6,070	3.59
5/12/16	08:56:50	8,019	3.59
5/12/16	08:57:17	10,062	3.59
5/12/16	08:57:17	10,060	3.59
5/12/16	08:57:17	348	3.59
5/12/16	08:57:26	9,717	3.59
5/12/16	08:57:26	5,864	3.59
5/12/16	08:57:39	9,168	3.59
5/12/16	08:57:39	1,300	3.59
5/12/16	08:57:39	2,364	3.59
5/12/16	08:57:39	3,407	3.59
5/12/16	08:57:39	2,081	3.59
5/12/16	08:57:40	691	3.59
5/12/16	08:57:40	3,407	3.59
5/12/16	08:57:40	2,973	3.59
5/12/16	08:57:43	9,953	3.59
5/12/16	08:57:52	9,311	3.59
5/12/16	08:57:55	8,663	3.59
5/12/16	09:01:48	450	3.58
5/12/16	09:01:48	1,641	3.58
5/12/16	09:02:44	2,552	3.59
5/12/16	09:02:44	6,502	3.59
5/12/16	09:03:04	1,518	3.59
5/12/16	09:03:04	1,873	3.59
5/12/16	09:03:11	3,941	3.59
5/12/16	09:03:56	9,367	3.59
5/12/16	09:03:56	2,048	3.59
5/12/16	09:03:56	409	3.59
5/12/16	09:04:56	10,062	3.59
5/12/16	09:05:46	3,944	3.58
5/12/16	09:05:46	5,095	3.58
5/12/16	09:05:46	3,407	3.58
5/12/16	09:05:46	1,659	3.58
5/12/16	09:05:46	1,557	3.58
5/12/16	09:05:46	1,451	3.58
5/12/16	09:06:24	2,631	3.58
5/12/16	09:07:05	4,820	3.58
5/12/16	09:07:05	1,044	3.58
5/12/16	09:07:23	9,326	3.58
5/12/16	09:07:35	300	3.58



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5/12/16	09:07:52	3,000	3.57
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5/12/16	09:08:34	5,352	3.57
5/12/16	09:08:35	2,559	3.57
5/12/16	09:08:35	7,326	3.57
5/12/16	09:08:35	2,256	3.57
5/12/16	09:08:35	5,238	3.57
5/12/16	09:08:35	2,475	3.57
5/12/16	09:08:49	2,554	3.57
5/12/16	09:08:49	6,754	3.57
5/12/16	09:08:49	3,161	3.57
5/12/16	09:09:24	9,552	3.57
5/12/16	09:09:24	1,000	3.57
5/12/16	09:09:24	3,407	3.57
5/12/16	09:09:24	5,327	3.57
5/12/16	09:09:45	4,969	3.56
5/12/16	09:09:48	2,648	3.56
5/12/16	09:09:49	1,099	3.56
5/12/16	09:09:50	444	3.56
5/12/16	09:09:55	9,348	3.56
5/12/16	09:09:55	6,268	3.56
5/12/16	09:09:55	3,396	3.56
5/12/16	09:09:57	6,268	3.56
5/12/16	09:09:57	3,397	3.56
5/12/16	09:09:58	2,196	3.56
5/12/16	09:09:58	2,186	3.56
5/12/16	09:09:58	2,277	3.56
5/12/16	09:09:58	220	3.56
5/12/16	09:09:58	8,516	3.56
5/12/16	09:09:59	9,964	3.56
5/12/16	09:10:05	3,407	3.55
5/12/16	09:10:05	6,642	3.55
5/12/16	09:10:08	2,500	3.55
5/12/16	09:10:15	521	3.55
5/12/16	09:10:22	1,494	3.56
5/12/16	09:10:22	1,790	3.56
5/12/16	09:10:22	5,861	3.56



5/12/16	09:10:22	1,322	3.56
5/12/16	09:10:25	3,801	3.55
5/12/16	09:10:27	4,872	3.55
5/12/16	09:10:27	1,221	3.55
5/12/16	09:10:30	2,588	3.55
5/12/16	09:10:48	1,560	3.55
5/12/16	09:10:52	601	3.55
5/12/16	09:10:54	1,452	3.55
5/12/16	09:11:46	7,063	3.55
5/12/16	09:11:46	3,407	3.55
5/12/16	09:11:46	4,125	3.55
5/12/16	09:12:18	600	3.55
5/12/16	09:12:28	3,593	3.55
5/12/16	09:12:28	5,299	3.55
5/12/16	09:12:28	3,407	3.55
5/12/16	09:12:28	2,700	3.55
5/12/16	09:12:28	1,557	3.55
5/12/16	09:12:28	2,078	3.55
5/12/16	09:13:22	841	3.55
5/12/16	09:13:22	7,132	3.55
5/12/16	09:13:22	1,009	3.55
5/12/16	09:13:22	1,489	3.55
5/12/16	09:13:22	2,979	3.55
5/12/16	09:13:22	1,896	3.55
5/12/16	09:14:58	1,035	3.55
5/12/16	09:14:58	7,037	3.55
5/12/16	09:14:58	7,650	3.55
5/12/16	09:15:38	580	3.55
5/12/16	09:16:01	659	3.55
5/12/16	09:16:52	2,099	3.55
5/12/16	09:16:52	5,804	3.55
5/12/16	09:16:53	9,302	3.55
5/12/16	09:16:53	2,100	3.55
5/12/16	09:16:53	2,110	3.55
5/12/16	09:17:26	2,265	3.55
5/12/16	09:17:26	817	3.55
5/12/16	09:18:27	9,785	3.54
5/12/16	09:18:27	613	3.54
5/12/16	09:18:27	2,310	3.54
5/12/16	09:18:46	8,418	3.54



5/12/16	09:18:46	2,300	3.54
5/12/16	09:18:46	713	3.54
5/12/16	09:20:31	9,188	3.54
5/12/16	09:20:32	2,900	3.54
5/12/16	09:20:32	3,294	3.54
5/12/16	09:20:32	531	3.54
5/12/16	09:20:32	98	3.54
5/12/16	09:20:48	4,638	3.53
5/12/16	09:20:48	2,616	3.53
5/12/16	09:20:48	9,490	3.53
5/12/16	09:21:43	7,855	3.53
5/12/16	09:22:12	8,380	3.53
5/12/16	09:24:49	4,784	3.54
5/12/16	09:24:49	2,085	3.54
5/12/16	09:24:50	1,038	3.54
5/12/16	09:24:50	1,354	3.54
5/12/16	09:24:50	362	3.54
5/12/16	09:24:50	3,407	3.54
5/12/16	09:24:50	4,682	3.54
5/12/16	09:24:54	2,643	3.54
5/12/16	09:24:54	1,022	3.54
5/12/16	09:25:04	309	3.54
5/12/16	09:25:29	3,582	3.54
5/12/16	09:25:29	2,425	3.54
5/12/16	09:25:29	5,239	3.54
5/12/16	09:25:29	3,431	3.54
5/12/16	09:25:32	926	3.53
5/12/16	09:29:23	5,585	3.55
5/12/16	09:30:10	1,697	3.54
5/12/16	09:30:10	2,279	3.54
5/12/16	09:32:06	1,828	3.54
5/12/16	09:33:35	7,947	3.54
5/12/16	09:33:35	2,797	3.54
5/12/16	09:35:01	2,092	3.54
5/12/16	09:35:24	9,753	3.54
5/12/16	09:37:13	996	3.54
5/12/16	09:37:13	7,549	3.54
5/12/16	09:38:32	9,252	3.54
5/12/16	09:39:26	2,155	3.54
5/12/16	09:42:16	2,957	3.55



5/12/16	09:43:33	886	3.55
5/12/16	09:45:55	9,509	3.54
5/12/16	09:47:05	142	3.54
5/12/16	09:47:05	1,288	3.54
5/12/16	09:47:09	4,869	3.54
5/12/16	09:47:09	1,219	3.54
5/12/16	09:47:17	8,763	3.54
5/12/16	09:47:17	4,870	3.54
5/12/16	09:47:17	3,407	3.54
5/12/16	09:47:17	531	3.54
5/12/16	09:47:17	433	3.54
5/12/16	09:47:22	271	3.53
5/12/16	09:48:59	7,041	3.54
5/12/16	09:49:12	728	3.53
5/12/16	09:50:36	4,022	3.54
5/12/16	09:52:45	1,418	3.55
5/12/16	09:52:58	1,843	3.55
5/12/16	09:53:27	3,039	3.55
5/12/16	09:53:27	532	3.55
5/12/16	09:54:31	7,954	3.54
5/12/16	09:54:59	6,313	3.55
5/12/16	09:54:59	2,275	3.55
5/12/16	09:55:00	99	3.55
5/12/16	09:55:00	2,820	3.55
5/12/16	09:55:17	6,829	3.54
5/12/16	09:59:50	4,698	3.55
5/12/16	09:59:51	1,148	3.55
5/12/16	10:01:56	8,695	3.56
5/12/16	10:01:56	8,810	3.56
5/12/16	10:01:57	3,781	3.56
5/12/16	10:02:02	9,167	3.55
5/12/16	10:04:05	9,277	3.55
5/12/16	10:04:05	7,842	3.55
5/12/16	10:04:05	1,999	3.55
5/12/16	10:04:15	1,224	3.55
5/12/16	10:04:48	434	3.55
5/12/16	10:07:10	3,023	3.55
5/12/16	10:07:11	962	3.55
5/12/16	10:07:13	1,129	3.55
5/12/16	10:10:26	7,962	3.55



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5/12/16	10:17:48	7,668	3.55
5/12/16	10:17:48	1,760	3.55
5/12/16	10:19:17	4,865	3.56
5/12/16	10:19:17	4,865	3.56
5/12/16	10:20:16	9,994	3.56
5/12/16	10:20:17	3,407	3.56
5/12/16	10:20:17	1,154	3.56
5/12/16	10:20:17	793	3.56
5/12/16	10:20:17	2,518	3.56
5/12/16	10:23:00	7,746	3.56
5/12/16	10:23:00	6,930	3.56
5/12/16	10:23:09	2,056	3.56
5/12/16	10:24:21	1,487	3.56
5/12/16	10:24:22	6,844	3.56
5/12/16	10:25:44	8,867	3.56
5/12/16	10:25:44	7,672	3.56
5/12/16	10:27:47	7,602	3.56
5/12/16	10:28:41	5,256	3.56
5/12/16	10:28:54	3,114	3.56
5/12/16	10:28:54	2,760	3.56
5/12/16	10:32:27	9,508	3.55
5/12/16	10:32:28	9,745	3.55
5/12/16	10:32:33	9,800	3.55
5/12/16	10:32:34	9,887	3.55
5/12/16	10:32:59	3,218	3.55
5/12/16	10:32:59	1,098	3.55
5/12/16	10:32:59	1,155	3.55
5/12/16	10:38:38	2,844	3.54
5/12/16	10:38:38	3,138	3.54
5/12/16	10:38:38	3,623	3.54
5/12/16	10:42:02	3,294	3.54
5/12/16	10:42:02	4,520	3.54
5/12/16	10:47:22	8,707	3.54
5/12/16	10:47:23	2,383	3.53
5/12/16	10:47:23	2,289	3.53
5/12/16	10:47:23	267	3.53
5/12/16	10:48:52	2,157	3.53
5/12/16	10:48:52	3,816	3.53
5/12/16	10:50:13	8,831	3.53



5/12/16	10:51:09	1,788	3.53
5/12/16	10:51:22	6,851	3.53
5/12/16	10:51:22	2,124	3.53
5/12/16	10:51:23	910	3.53
5/12/16	10:53:00	5,969	3.53
5/12/16	10:53:00	2,124	3.53
5/12/16	10:54:23	8,473	3.53
5/12/16	10:54:24	2,400	3.53
5/12/16	10:54:24	532	3.53
5/12/16	10:54:24	2,500	3.53
5/12/16	10:54:24	706	3.53
5/12/16	10:57:06	8,474	3.53
5/12/16	10:57:33	4,060	3.52
5/12/16	10:57:33	3,462	3.52
5/12/16	10:57:33	27	3.52
5/12/16	10:59:31	3,792	3.52
5/12/16	10:59:31	3,826	3.52
5/12/16	11:00:25	8,400	3.52
5/12/16	11:00:25	923	3.52
5/12/16	11:08:10	900	3.52
5/12/16	11:09:01	1,500	3.52
5/12/16	11:09:01	73	3.52
5/12/16	11:09:01	6,799	3.52
5/12/16	11:09:44	9,222	3.52
5/12/16	11:09:44	5,596	3.52
5/12/16	11:13:01	3,966	3.53
5/12/16	11:13:01	1,500	3.53
5/12/16	11:13:01	2,466	3.53
5/12/16	11:13:38	1,034	3.53
5/12/16	11:13:54	1,750	3.53
5/12/16	11:13:54	4,742	3.53
5/12/16	11:14:09	2,948	3.53
5/12/16	11:14:09	1,474	3.53
5/12/16	11:14:17	1,022	3.53
5/12/16	11:14:19	1,156	3.53
5/12/16	11:14:20	955	3.53
5/12/16	11:14:54	5,828	3.53
5/12/16	11:15:36	9,449	3.53
5/12/16	11:16:50	2,934	3.52
5/12/16	11:20:43	6,793	3.51



5/12/16	11:20:43	9,696	3.51
5/12/16	11:22:08	1,164	3.51
5/12/16	11:22:08	288	3.51
5/12/16	11:22:08	8,625	3.51
5/12/16	11:24:02	2,308	3.51
5/12/16	11:24:17	8,575	3.51
5/12/16	11:24:18	8,575	3.51
5/12/16	11:24:46	1,058	3.51
5/12/16	11:24:46	8,900	3.51
5/12/16	11:24:47	3,547	3.51
5/12/16	11:24:47	6,411	3.51
5/12/16	11:24:50	4,571	3.51
5/12/16	11:24:57	1,453	3.51
5/12/16	11:24:57	3,948	3.51
5/12/16	11:24:58	3,368	3.51
5/12/16	11:24:58	5,253	3.51
5/12/16	11:24:58	783	3.51
5/12/16	11:26:24	9,900	3.51
5/12/16	11:26:24	1,500	3.51
5/12/16	11:29:44	6,898	3.51
5/12/16	11:30:59	8,066	3.51
5/12/16	11:30:59	8,068	3.51
5/12/16	11:31:59	149	3.51
5/12/16	11:32:54	5,312	3.51
5/12/16	11:33:00	5,373	3.50
5/12/16	11:33:01	4,130	3.50
5/12/16	11:33:01	55	3.50
5/12/16	11:33:04	1,658	3.50
5/12/16	11:33:07	7,897	3.50
5/12/16	11:35:12	8,928	3.50
5/12/16	11:35:12	9,410	3.50
5/12/16	11:40:25	9,791	3.50
5/12/16	11:44:01	648	3.49
5/12/16	11:44:01	2,761	3.49
5/12/16	11:44:26	2,118	3.49
5/12/16	11:45:19	388	3.49
5/12/16	11:46:53	473	3.50
5/12/16	11:47:00	2,000	3.50
5/12/16	11:47:01	1,069	3.50
5/12/16	11:47:52	8,230	3.50



5/12/16	11:49:17	2,939	3.49
5/12/16	11:49:19	1,920	3.49
5/12/16	11:51:06	4,403	3.48
5/12/16	11:52:33	325	3.48
5/12/16	11:53:26	9,508	3.48
5/12/16	11:53:26	4,756	3.48
5/12/16	11:55:30	7,458	3.48
5/12/16	11:56:45	1,377	3.48
5/12/16	11:57:48	2,414	3.48
5/12/16	11:58:49	1,280	3.48
5/12/16	11:58:58	1,376	3.48
5/12/16	11:59:05	1,509	3.48
5/12/16	11:59:57	1,058	3.48
5/12/16	12:01:46	1,262	3.49
5/12/16	12:01:46	2,653	3.49
5/12/16	12:01:47	1,877	3.49
5/12/16	12:01:49	3,327	3.49
5/12/16	12:01:59	264	3.49
5/12/16	12:02:29	1,166	3.49
5/12/16	12:02:39	2,128	3.49
5/12/16	12:02:39	5,867	3.49
5/12/16	12:04:45	300	3.49
5/12/16	12:04:54	9,017	3.49
5/12/16	12:04:54	25	3.49
5/12/16	12:05:21	2,282	3.49
5/12/16	12:08:05	1,196	3.49
5/12/16	12:09:57	3,086	3.49
5/12/16	12:09:57	5,561	3.49
5/12/16	12:09:57	2,827	3.49
5/12/16	12:10:04	2,759	3.49
5/12/16	12:10:04	2,693	3.49
5/12/16	12:10:06	1,704	3.49
5/12/16	12:10:56	1,974	3.49
5/12/16	12:13:11	117	3.49
5/12/16	12:13:11	6,070	3.49
5/12/16	12:17:35	1,068	3.48
5/12/16	12:17:39	1,408	3.48
5/12/16	12:19:40	2,636	3.48
5/12/16	12:21:47	8,171	3.48
5/12/16	12:21:47	537	3.48



5/12/16	12:21:47	1,176	3.48
5/12/16	12:21:47	2,500	3.48
5/12/16	12:21:47	2,788	3.48
5/12/16	12:21:47	1,604	3.48
5/12/16	12:21:56	7,903	3.48
5/12/16	12:21:56	64	3.48
5/12/16	12:21:56	952	3.48
5/12/16	12:22:09	650	3.47
5/12/16	12:22:57	1,571	3.48
5/12/16	12:27:29	3,412	3.48
5/12/16	12:29:40	5,307	3.48
5/12/16	12:29:41	2,266	3.48
5/12/16	12:30:35	1,793	3.48
5/12/16	12:30:35	1,305	3.48
5/12/16	12:30:50	50	3.48
5/12/16	12:30:50	1,176	3.48
5/12/16	12:30:50	538	3.48
5/12/16	12:30:50	3,251	3.48
5/12/16	12:31:25	9,479	3.48
5/12/16	12:31:25	1,176	3.48
5/12/16	12:31:25	538	3.48
5/12/16	12:31:25	925	3.48
5/12/16	12:31:25	27	3.48
5/12/16	12:31:25	2,600	3.48
5/12/16	12:31:25	538	3.48
5/12/16	12:31:25	3,416	3.48
5/12/16	12:31:25	356	3.48
5/12/16	12:31:26	1,126	3.48
5/12/16	12:31:28	4,916	3.48
5/12/16	12:31:38	2,403	3.48
5/12/16	12:32:17	2,529	3.48
5/12/16	12:32:46	270	3.48
5/12/16	12:32:46	3,353	3.48
5/12/16	12:32:46	2,788	3.48
5/12/16	12:32:46	2,500	3.48
5/12/16	12:32:46	584	3.48
5/12/16	12:32:49	2,324	3.48
5/12/16	12:35:07	7,213	3.48
5/12/16	12:35:08	2,500	3.48
5/12/16	12:35:08	2,633	3.48



5/12/16	12:35:08	609	3.48
5/12/16	12:35:30	5,000	3.48
5/12/16	12:35:30	463	3.48
5/12/16	12:37:04	4,004	3.48
5/12/16	12:37:04	4,539	3.48
5/12/16	12:37:04	136	3.48
5/12/16	12:37:04	830	3.48
5/12/16	12:37:04	2,762	3.48
5/12/16	12:37:04	5,360	3.48
5/12/16	12:37:05	2,888	3.48
5/12/16	12:37:05	1,549	3.48
5/12/16	12:40:33	270	3.49
5/12/16	12:40:33	958	3.49
5/12/16	12:40:33	3,584	3.49
5/12/16	12:40:33	1,176	3.49
5/12/16	12:40:33	270	3.49
5/12/16	12:40:33	2,277	3.49
5/12/16	12:40:34	3,170	3.48
5/12/16	12:43:21	577	3.48
5/12/16	12:43:22	873	3.48
5/12/16	12:45:32	146	3.48
5/12/16	12:45:32	4,320	3.48
5/12/16	12:45:32	878	3.48
5/12/16	12:45:32	1,176	3.48
5/12/16	12:45:32	1,110	3.48
5/12/16	13:01:34	1,000	3.48
5/12/16	13:04:13	4,747	3.48
5/12/16	13:04:27	2,000	3.49
5/12/16	13:04:56	2,060	3.49
5/12/16	13:04:56	270	3.49
5/12/16	13:04:56	1,500	3.49
5/12/16	13:04:56	810	3.49
5/12/16	13:04:56	1,500	3.49
5/12/16	13:04:56	1,000	3.49
5/12/16	13:04:56	321	3.49
5/12/16	13:06:49	3,053	3.48
5/12/16	13:06:49	3,039	3.48
5/12/16	13:14:50	4,951	3.48
5/12/16	13:15:21	4,888	3.48
5/12/16	13:15:21	1,704	3.48



5/12/16	13:16:49	4,715	3.48
5/12/16	13:17:33	500	3.48
5/12/16	13:18:12	5,371	3.48
5/12/16	13:18:12	2,500	3.48
5/12/16	13:18:12	1,154	3.48
5/12/16	13:19:50	2,259	3.48
5/12/16	13:19:50	2,849	3.48
5/12/16	13:20:16	2,841	3.48
5/12/16	13:20:16	120	3.48
5/12/16	13:20:16	3,610	3.48
5/12/16	13:21:54	4,010	3.48
5/12/16	13:21:54	4,010	3.48
5/12/16	13:22:32	5,328	3.48
5/12/16	13:22:32	5,328	3.48
5/12/16	13:22:53	3,189	3.48
5/12/16	13:22:53	7,271	3.48
5/12/16	13:22:56	2,520	3.48
5/12/16	13:22:56	6,326	3.48
5/12/16	13:22:57	9,049	3.48
5/12/16	13:22:57	877	3.48
5/12/16	13:22:57	6,364	3.48
5/12/16	13:22:57	1,201	3.48
5/12/16	13:23:47	7,346	3.47
5/12/16	13:23:47	3,714	3.47
5/12/16	13:24:14	3,510	3.47
5/12/16	13:24:14	5,627	3.47
5/12/16	13:24:14	8,383	3.47
5/12/16	13:26:17	9,986	3.48
5/12/16	13:26:17	1,557	3.47
5/12/16	13:26:17	2,659	3.48
5/12/16	13:26:17	4,594	3.48
5/12/16	13:26:17	432	3.48
5/12/16	13:26:17	2,820	3.47
5/12/16	13:26:17	1,396	3.47
5/12/16	13:26:25	2,280	3.47
5/12/16	13:26:25	476	3.47
5/12/16	13:26:25	3,972	3.47
5/12/16	13:29:18	4,256	3.48
5/12/16	13:31:12	9,062	3.48
5/12/16	13:31:12	1,923	3.48



5/12/16	13:31:12	2,500	3.48
5/12/16	13:31:12	270	3.48
5/12/16	13:31:12	2,840	3.48
5/12/16	13:31:12	834	3.48
5/12/16	13:31:58	4,387	3.48
5/12/16	13:31:58	270	3.48
5/12/16	13:31:58	1,600	3.48
5/12/16	13:31:58	1,845	3.48
5/12/16	13:32:10	6,829	3.48
5/12/16	13:32:10	1,373	3.48
5/12/16	13:32:10	6,824	3.48
5/12/16	13:33:31	9,106	3.48
5/12/16	13:35:53	2,689	3.48
5/12/16	13:35:53	8,193	3.48
5/12/16	13:35:53	1,426	3.48
5/12/16	13:37:40	9,882	3.48
5/12/16	13:38:08	9,978	3.48
5/12/16	13:40:16	658	3.48
5/12/16	13:42:28	2,222	3.48
5/12/16	13:42:28	2,850	3.48
5/12/16	13:47:43	1,511	3.49
5/12/16	13:47:43	3,850	3.49
5/12/16	13:47:43	1,692	3.49
5/12/16	13:47:46	2,872	3.49
5/12/16	13:47:46	7,053	3.49
5/12/16	13:49:30	5,863	3.49
5/12/16	13:52:38	1,483	3.48
5/12/16	13:52:38	7,642	3.48
5/12/16	13:52:38	8,051	3.48
5/12/16	13:56:52	532	3.48
5/12/16	13:59:49	2,597	3.49
5/12/16	14:00:18	2,211	3.49
5/12/16	14:05:01	3,692	3.49
5/12/16	14:05:01	5,252	3.49
5/12/16	14:05:03	9,359	3.49
5/12/16	14:05:05	3,440	3.49
5/12/16	14:06:25	3,837	3.48
5/12/16	14:06:25	1,875	3.48
5/12/16	14:14:05	6,300	3.48
5/12/16	14:17:46	5,980	3.48



5/12/16	14:17:46	3,542	3.48
5/12/16	14:18:50	3,051	3.49
5/12/16	14:23:02	4,416	3.48
5/12/16	14:25:35	9,039	3.48
5/12/16	14:31:17	9,363	3.48
5/12/16	14:33:31	8,186	3.48
5/12/16	14:33:47	7,081	3.48
5/12/16	14:33:48	575	3.48
5/12/16	14:34:27	10,057	3.48
5/12/16	14:35:21	9,974	3.48
5/12/16	14:35:21	270	3.48
5/12/16	14:35:21	653	3.48
5/12/16	14:35:21	2,500	3.48
5/12/16	14:35:21	6,583	3.48
5/12/16	14:35:34	8,470	3.48
5/12/16	14:35:54	432	3.48
5/12/16	14:35:55	5,446	3.48
5/12/16	14:35:55	1,177	3.48
5/12/16	14:35:55	834	3.48
5/12/16	14:35:55	1,126	3.48
5/12/16	14:39:34	9,269	3.49
5/12/16	14:41:26	9,487	3.48
5/12/16	14:42:43	8,771	3.48
5/12/16	14:44:10	8,869	3.49
5/12/16	14:44:11	1,100	3.49
5/12/16	14:44:11	8,216	3.49
5/12/16	14:48:30	4,125	3.49
5/12/16	14:49:59	7,666	3.49
5/12/16	14:49:59	998	3.49
5/12/16	14:50:00	2,170	3.49
5/12/16	14:50:27	4,309	3.49
5/12/16	14:50:27	4,617	3.49
5/12/16	14:50:54	7,522	3.49
5/12/16	14:50:54	2,515	3.49
5/12/16	14:53:21	4,768	3.49
5/12/16	15:01:05	7,982	3.48
5/12/16	15:06:57	6,080	3.49
5/12/16	15:09:50	2,964	3.49
5/12/16	15:10:15	3,616	3.49
5/12/16	15:10:15	2,840	3.49



5/12/16	15:10:15	776	3.49
5/12/16	15:11:39	8,128	3.49
5/12/16	15:11:39	8,207	3.49
5/12/16	15:11:53	3,622	3.49
5/12/16	15:11:53	1,477	3.49
5/12/16	15:11:53	2,500	3.49
5/12/16	15:11:53	2,039	3.49
5/12/16	15:12:19	3,408	3.49
5/12/16	15:16:04	7,341	3.49
5/12/16	15:16:04	58	3.49
5/12/16	15:16:32	9,215	3.49
5/12/16	15:17:16	2,990	3.49
5/12/16	15:17:16	3,301	3.49
5/12/16	15:17:17	2,935	3.49
5/12/16	15:17:17	1,800	3.49
5/12/16	15:18:19	2,578	3.49
5/12/16	15:18:19	5,949	3.49
5/12/16	15:18:58	2,333	3.49
5/12/16	15:19:07	4,000	3.49
5/12/16	15:19:52	2,376	3.49
5/12/16	15:19:53	1,300	3.49
5/12/16	15:19:53	1,810	3.49
5/12/16	15:19:53	846	3.49
5/12/16	15:19:53	1,300	3.49
5/12/16	15:19:53	831	3.49
5/12/16	15:19:53	2,836	3.49
5/12/16	15:21:15	6	3.49
5/12/16	15:21:15	3,303	3.49
5/12/16	15:21:15	1,471	3.49
5/12/16	15:21:15	3,927	3.49
5/12/16	15:21:15	368	3.49
5/12/16	15:21:15	2,914	3.49
5/12/16	15:24:18	2,306	3.49
5/12/16	15:24:18	595	3.49
5/12/16	15:24:41	4,506	3.49
5/12/16	15:24:41	4,104	3.49
5/12/16	15:26:50	1,177	3.50
5/12/16	15:29:35	8,630	3.50
5/12/16	15:33:57	7,781	3.50
5/12/16	15:33:57	702	3.50



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5/12/16	15:34:17	6,950	3.50
5/12/16	15:34:18	1,177	3.50
5/12/16	15:35:40	5,833	3.50
5/12/16	15:35:40	6,262	3.50
5/12/16	15:35:49	6,262	3.50
5/12/16	15:35:49	5,340	3.50
5/12/16	15:35:49	1,100	3.50
5/12/16	15:35:49	627	3.50
5/12/16	15:36:08	361	3.50
5/12/16	15:36:08	2,814	3.50
5/12/16	15:39:40	8,958	3.50
5/12/16	15:39:40	2,788	3.50
5/12/16	15:39:40	501	3.50
5/12/16	15:39:40	1,177	3.50
5/12/16	15:39:40	607	3.50
5/12/16	15:39:40	308	3.50
5/12/16	15:39:40	213	3.50
5/12/16	15:39:40	1,064	3.50
5/12/16	15:41:17	2,788	3.50
5/12/16	15:41:17	1,174	3.50
5/12/16	15:41:17	1,600	3.50
5/12/16	15:41:17	985	3.50
5/12/16	15:41:18	3,759	3.50
5/12/16	15:42:44	3,104	3.50
5/12/16	15:47:54	1,470	3.50
5/12/16	15:47:55	6,793	3.50
5/12/16	15:47:55	270	3.50
5/12/16	15:47:55	3,417	3.50
5/12/16	15:47:55	1,923	3.50
5/12/16	15:47:55	2,653	3.50
5/12/16	15:47:55	1,350	3.50
5/12/16	15:47:55	3,417	3.50
5/12/16	15:48:23	3,496	3.50
5/12/16	15:48:23	10,550	3.50
5/12/16	15:48:23	2,290	3.50
5/12/16	15:48:23	3,407	3.50
5/12/16	15:48:49	5,122	3.50
5/12/16	15:48:49	645	3.50
5/12/16	15:48:50	1,177	3.50



5/12/16	15:48:50	3,100	3.50
5/12/16	15:48:50	710	3.50
5/12/16	15:48:50	3,048	3.50
5/12/16	15:50:15	2,142	3.50
5/12/16	15:50:16	7,332	3.50
5/12/16	15:50:50	4,315	3.50
5/12/16	15:53:12	8,204	3.50
5/12/16	15:53:12	103	3.50
5/12/16	15:53:12	4,926	3.50
5/12/16	15:53:12	2	3.50
5/12/16	15:53:12	3,273	3.50
5/12/16	15:53:12	27	3.50
5/12/16	15:53:14	4,911	3.50
5/12/16	15:54:23	200	3.50
5/12/16	16:02:06	8,755	3.50
5/12/16	16:06:37	8,285	3.51
5/12/16	16:08:05	633	3.51
5/12/16	16:08:05	5,539	3.51
5/12/16	16:08:05	3,307	3.51
5/12/16	16:08:05	2,607	3.51
5/12/16	16:08:05	2,500	3.51
5/12/16	16:08:05	3,739	3.51
5/12/16	16:08:17	6,771	3.50
5/12/16	16:08:34	1,401	3.50
5/12/16	16:08:54	2,446	3.50
5/12/16	16:09:08	1,186	3.50
5/12/16	16:09:09	1,173	3.50
5/12/16	16:09:10	792	3.50
5/12/16	16:09:12	2,883	3.50
5/12/16	16:09:17	942	3.50
5/12/16	16:09:30	2,204	3.50
5/12/16	16:09:30	1,683	3.50
5/12/16	16:09:43	5,243	3.50
5/12/16	16:10:41	105	3.50
5/12/16	16:10:47	4,674	3.50
5/12/16	16:10:53	1,922	3.50
5/12/16	16:10:53	1,911	3.50
5/12/16	16:10:53	2,000	3.50
5/12/16	16:10:53	427	3.50
5/12/16	16:10:53	1,431	3.50



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5/12/16	16:10:54	858	3.50
5/12/16	16:10:54	859	3.50
5/12/16	16:10:56	286	3.50
5/12/16	16:10:56	2,200	3.50
5/12/16	16:10:56	1,227	3.50
5/12/16	16:13:20	1,104	3.50
5/12/16	16:13:27	2,213	3.50
5/12/16	16:15:30	909	3.50
5/12/16	16:15:31	3,450	3.50
5/12/16	16:17:53	8,872	3.50
5/12/16	16:17:53	4,427	3.50
5/12/16	16:17:53	2,000	3.50
5/12/16	16:17:53	2,686	3.50
5/12/16	16:17:53	9,210	3.50
5/12/16	16:18:32	3,107	3.50
5/12/16	16:18:32	2,500	3.50
5/12/16	16:18:32	145	3.50
5/12/16	16:18:32	462	3.50
5/12/16	16:19:22	7,258	3.50
5/12/16	16:20:41	1,921	3.50
5/12/16	16:20:41	649	3.50
5/12/16	16:20:41	1,921	3.50
5/12/16	16:20:41	164	3.50
5/12/16	16:21:06	1,921	3.49
5/12/16	16:21:06	987	3.49
5/12/16	16:21:06	464	3.49
5/12/16	16:21:06	1,921	3.49
5/12/16	16:21:06	204	3.49
5/12/16	16:21:07	3,641	3.49
5/12/16	16:21:07	987	3.49
5/12/16	16:21:07	773	3.49
5/12/16	16:21:30	969	3.49
5/12/16	16:21:30	3,358	3.49
5/12/16	16:25:18	1,950	3.49
5/12/16	16:25:18	1,206	3.49
5/12/16	16:25:32	723	3.49
5/12/16	16:25:32	799	3.49
5/12/16	16:25:32	671	3.49
5/12/16	16:25:32	671	3.49



5/12/16	16:25:32	2,272	3.49
5/12/16	16:25:32	1,072	3.49
5/12/16	16:25:32	799	3.49
5/12/16	16:25:32	199	3.49
5/12/16	16:25:43	1,389	3.49
5/12/16	16:25:43	1,941	3.49
5/12/16	16:26:35	3,770	3.48
5/12/16	16:26:36	2,000	3.48
5/12/16	16:26:36	1,542	3.48
5/12/16	16:27:05	1,928	3.48
5/12/16	16:27:05	3,407	3.48
5/12/16	16:27:05	1,928	3.48
5/12/16	16:27:40	455	3.48
5/12/16	16:27:40	1,671	3.48
5/12/16	16:28:05	2,625	3.48
5/12/16	16:28:44	2,734	3.48
5/12/16	16:29:47	6,440	3.48
5/12/16	16:29:50	543	3.48
5/12/16	16:29:50	479	3.48