

ZURICH, SWITZERLAND, NOVEMBER 10, 2022

ABB share buybacks

November 3, 2022 – November 9, 2022

During the period November 3, 2022, to November 9, 2022, ABB repurchased a total of 755,000 shares as part of its share buyback program announced on March 31, 2022.

The buyback program is being carried out in accordance with the Swiss Ordinance on Financial Market Infrastructures and Market Conduct in Securities and Derivatives Trading (FMIO), the Market Abuse Regulation (EU) No 596/2014 (“MAR”) and the Commission Delegated Regulation (EU) No 2016/1052 (the “Safe Harbour Regulation”).

Date	Aggregated daily volume (number of shares)	Daily weighted average share price (CHF)	Daily buyback amount (CHF)
03-Nov-22	150,000	27.394100	4,109,115.00
04-Nov-22	135,000	28.115200	3,795,552.00
07-Nov-22	140,000	28.455400	3,983,756.00
08-Nov-22	140,000	28.587500	4,002,250.00
09-Nov-22	190,000	28.788900	5,469,891.00

All share purchases above have been carried out on a separate trading line on the SIX Swiss Exchange by a bank, on behalf of ABB. A full breakdown of the transactions pursuant to article 5.3 of MAR and article 2.3 of the Safe Harbour Regulation is attached to this announcement. The bank makes its trading decisions concerning the timing of share repurchases independently of ABB, within some defined parameters.

The total number of ABB Ltd shares which have been bought back within the current share buyback program from April 1, 2022, to and including November 9, 2022, is 54,274,000 shares.

Additional information is available on ABB’s investor relations website site at <https://global.abb/group/en/investors/investor-and-shareholder-resources/share-buybacks/2022>

ABB (ABBN: SIX Swiss Ex) is a leading global technology company that energizes the transformation of society and industry to achieve a more productive, sustainable future. By connecting software to its electrification, robotics, automation and motion portfolio, ABB pushes the boundaries of technology to drive performance to new levels. With a history of excellence stretching back more than 130 years, ABB’s success is driven by about 105,000 talented employees in over 100 countries. www.abb.com

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Appendix

Detailed individual transaction information:

All share purchases below were completed on a separate trading line on the SIX Swiss Exchange (Bloomberg ticker for SIX Exchange: SE)

Date	Time (CET)	Volume	Price	Exchange	2022-11-03	9:30:01	377	27.30	SE
2022-11-03	9:03:18	1,000	27.31	SE	2022-11-03	9:32:25	1,264	27.31	SE
2022-11-03	9:03:20	1,000	27.30	SE	2022-11-03	9:34:15	1,000	27.28	SE
2022-11-03	9:03:20	1,000	27.30	SE	2022-11-03	9:34:15	1,000	27.28	SE
2022-11-03	9:06:32	1,000	27.46	SE	2022-11-03	9:34:45	1,432	27.28	SE
2022-11-03	9:07:26	88	27.46	SE	2022-11-03	9:37:36	381	27.33	SE
2022-11-03	9:07:41	478	27.48	SE	2022-11-03	9:46:40	446	27.35	SE
2022-11-03	9:07:54	185	27.49	SE	2022-11-03	9:46:48	504	27.35	SE
2022-11-03	9:08:10	599	27.50	SE	2022-11-03	9:46:48	1,000	27.35	SE
2022-11-03	9:08:12	1,034	27.51	SE	2022-11-03	9:54:55	1,432	27.32	SE
2022-11-03	9:08:12	1,000	27.51	SE	2022-11-03	9:54:55	438	27.32	SE
2022-11-03	9:14:49	305	27.41	SE	2022-11-03	9:54:55	1,432	27.31	SE
2022-11-03	9:15:01	1,000	27.41	SE	2022-11-03	10:23:39	544	27.39	SE
2022-11-03	9:15:29	1,432	27.43	SE	2022-11-03	10:23:39	1,000	27.39	SE
2022-11-03	9:15:29	1,000	27.43	SE	2022-11-03	10:24:39	1,000	27.40	SE
2022-11-03	9:15:42	412	27.40	SE	2022-11-03	10:38:09	1,432	27.44	SE
2022-11-03	9:18:50	413	27.43	SE	2022-11-03	10:38:09	500	27.44	SE
2022-11-03	9:19:35	1,432	27.43	SE	2022-11-03	10:52:15	416	27.36	SE
2022-11-03	9:20:54	412	27.39	SE	2022-11-03	10:52:15	1,000	27.36	SE
2022-11-03	9:20:54	1,000	27.39	SE	2022-11-03	10:52:42	45	27.36	SE
2022-11-03	9:22:03	847	27.38	SE	2022-11-03	10:52:50	359	27.36	SE
2022-11-03	9:22:38	371	27.37	SE	2022-11-03	10:52:50	1,000	27.36	SE
2022-11-03	9:23:40	370	27.36	SE	2022-11-03	10:54:58	439	27.35	SE
2022-11-03	9:23:50	370	27.35	SE	2022-11-03	10:55:14	4	27.35	SE
2022-11-03	9:24:02	571	27.36	SE	2022-11-03	10:55:17	444	27.35	SE
2022-11-03	9:24:26	12	27.35	SE	2022-11-03	10:55:25	1,000	27.36	SE
2022-11-03	9:24:26	372	27.35	SE	2022-11-03	10:55:25	1,000	27.36	SE
2022-11-03	9:24:29	797	27.36	SE	2022-11-03	11:28:03	371	27.37	SE
2022-11-03	9:25:09	404	27.36	SE	2022-11-03	11:28:03	1,000	27.37	SE
2022-11-03	9:25:09	1,000	27.36	SE	2022-11-03	11:28:03	1,000	27.37	SE
2022-11-03	9:25:12	360	27.35	SE	2022-11-03	11:29:36	10	27.35	SE
2022-11-03	9:25:15	377	27.35	SE	2022-11-03	11:29:41	1,000	27.35	SE
2022-11-03	9:25:15	1,000	27.35	SE	2022-11-03	11:29:41	360	27.35	SE
2022-11-03	9:27:58	419	27.33	SE	2022-11-03	11:31:58	460	27.35	SE
2022-11-03	9:29:51	78	27.30	SE	2022-11-03	11:31:58	1,000	27.35	SE
2022-11-03	9:29:51	1,000	27.30	SE	2022-11-03	11:32:02	50	27.35	SE
2022-11-03	9:29:52	700	27.30	SE	2022-11-03	11:38:12	1,000	27.35	SE
2022-11-03	9:29:52	1,000	27.30	SE	2022-11-03	11:46:45	453	27.31	SE
2022-11-03	9:29:52	700	27.30	SE	2022-11-03	11:46:45	1,000	27.31	SE
2022-11-03	9:29:58	325	27.30	SE	2022-11-03	11:46:58	509	27.32	SE
2022-11-03	9:29:58	1,000	27.30	SE	2022-11-03	11:47:02	515	27.33	SE

2022-11-03	11:47:02	1,432	27.33	SE	2022-11-03	14:08:14	1,000	27.23	SE
2022-11-03	12:01:12	1,000	27.33	SE	2022-11-03	14:12:36	1,000	27.26	SE
2022-11-03	12:01:22	1,000	27.33	SE	2022-11-03	14:12:40	1,000	27.26	SE
2022-11-03	12:01:22	381	27.33	SE	2022-11-03	14:26:45	1,000	27.27	SE
2022-11-03	12:05:42	1,000	27.34	SE	2022-11-03	14:27:02	590	27.27	SE
2022-11-03	12:05:44	1,000	27.35	SE	2022-11-03	14:27:02	420	27.27	SE
2022-11-03	12:05:44	1,000	27.35	SE	2022-11-03	14:27:02	1,000	27.27	SE
2022-11-03	12:19:58	1,000	27.36	SE	2022-11-03	14:28:01	423	27.27	SE
2022-11-03	12:19:58	514	27.36	SE	2022-11-03	14:31:36	2,452	27.34	SE
2022-11-03	12:34:11	1,000	27.38	SE	2022-11-03	14:54:21	529	27.34	SE
2022-11-03	12:34:11	371	27.38	SE	2022-11-03	14:54:47	529	27.35	SE
2022-11-03	12:34:15	370	27.38	SE	2022-11-03	14:55:35	529	27.38	SE
2022-11-03	12:34:15	1,000	27.38	SE	2022-11-03	14:58:12	418	27.35	SE
2022-11-03	12:34:30	113	27.39	SE	2022-11-03	14:59:51	1,000	27.32	SE
2022-11-03	12:34:36	1,432	27.41	SE	2022-11-03	14:59:51	1,432	27.32	SE
2022-11-03	12:34:36	1,000	27.41	SE	2022-11-03	15:02:08	247	27.38	SE
2022-11-03	13:06:19	3,535	27.45	SE	2022-11-03	15:02:10	1,000	27.39	SE
2022-11-03	13:07:37	1,444	27.42	SE	2022-11-03	15:02:11	1,432	27.39	SE
2022-11-03	13:10:48	187	27.39	SE	2022-11-03	15:32:45	1,000	27.54	SE
2022-11-03	13:16:25	1,000	27.35	SE	2022-11-03	15:32:49	1,000	27.54	SE
2022-11-03	13:16:25	1,000	27.35	SE	2022-11-03	15:32:52	542	27.54	SE
2022-11-03	13:16:32	1,000	27.35	SE	2022-11-03	15:34:15	828	27.52	SE
2022-11-03	13:16:32	1,000	27.35	SE	2022-11-03	15:34:16	1,000	27.52	SE
2022-11-03	13:16:33	450	27.34	SE	2022-11-03	15:35:20	509	27.52	SE
2022-11-03	13:16:36	1,000	27.34	SE	2022-11-03	15:35:20	1,000	27.52	SE
2022-11-03	13:16:36	1,000	27.34	SE	2022-11-03	15:35:35	1,000	27.53	SE
2022-11-03	13:16:36	361	27.34	SE	2022-11-03	15:35:35	1,432	27.53	SE
2022-11-03	13:26:53	1,000	27.27	SE	2022-11-03	15:36:13	1,432	27.51	SE
2022-11-03	13:26:53	559	27.27	SE	2022-11-03	15:36:13	450	27.51	SE
2022-11-03	13:26:53	356	27.27	SE	2022-11-03	15:50:20	550	27.62	SE
2022-11-03	13:26:56	1,000	27.27	SE	2022-11-03	15:50:20	1,000	27.62	SE
2022-11-03	13:26:57	1,432	27.27	SE	2022-11-03	15:52:22	1,467	27.63	SE
2022-11-03	13:30:01	1,432	27.26	SE	2022-11-03	16:00:10	1,432	27.65	SE
2022-11-03	13:30:01	377	27.26	SE	2022-11-03	16:00:10	1,000	27.65	SE
2022-11-03	13:30:01	377	27.24	SE	2022-11-03	16:00:13	1,000	27.65	SE
2022-11-03	13:30:01	1,212	27.24	SE	2022-11-03	16:00:26	1,000	27.65	SE
2022-11-03	13:30:33	1,000	27.27	SE	2022-11-03	16:02:34	828	27.65	SE
2022-11-03	13:30:33	1,000	27.27	SE	2022-11-03	16:05:05	829	27.64	SE
2022-11-03	13:30:36	562	27.27	SE	2022-11-03	16:08:03	828	27.63	SE
2022-11-03	13:30:36	360	27.27	SE	2022-11-03	16:11:06	828	27.62	SE
2022-11-03	13:58:45	1,432	27.23	SE	2022-11-03	16:11:46	829	27.64	SE
2022-11-03	13:58:45	1,000	27.23	SE	2022-11-03	16:14:16	1,000	27.61	SE
2022-11-03	13:59:10	451	27.23	SE	2022-11-03	16:14:16	1,432	27.61	SE
2022-11-03	14:06:46	840	27.22	SE	2022-11-03	16:21:08	1,000	27.62	SE
2022-11-03	14:06:46	413	27.22	SE	2022-11-03	16:28:10	185	27.58	SE
2022-11-03	14:06:46	1,000	27.22	SE	2022-11-03	16:28:10	1,000	27.58	SE
2022-11-03	14:07:09	1,000	27.23	SE	2022-11-03	16:28:11	502	27.58	SE
2022-11-03	14:07:10	1,000	27.23	SE	2022-11-03	16:28:11	6	27.58	SE
2022-11-03	14:08:13	1,000	27.23	SE	2022-11-03	16:35:14	16	27.55	SE

2022-11-03	16:35:14	541	27.55	SE	2022-11-04	13:10:00	1,000	28.05	SE
2022-11-03	16:35:20	1,000	27.55	SE	2022-11-04	13:16:54	5,000	28.04	SE
2022-11-03	16:35:20	502	27.55	SE	2022-11-04	13:24:17	1,000	28.04	SE
2022-11-03	16:36:54	465	27.59	SE	2022-11-04	13:24:17	1,000	28.04	SE
2022-11-03	16:36:54	1,432	27.59	SE	2022-11-04	13:24:18	1,000	28.04	SE
2022-11-03	16:36:54	1,000	27.59	SE	2022-11-04	13:24:18	1,000	28.04	SE
2022-11-03	16:36:54	1,000	27.59	SE	2022-11-04	13:25:05	1,000	28.04	SE
2022-11-03	16:36:55	261	27.59	SE	2022-11-04	13:25:22	1,000	28.04	SE
2022-11-04	9:16:10	1,432	27.84	SE	2022-11-04	13:25:32	1,000	28.05	SE
2022-11-04	9:16:10	1,432	27.84	SE	2022-11-04	13:25:33	1,000	28.05	SE
2022-11-04	9:16:45	398	27.87	SE	2022-11-04	13:41:01	1,000	28.03	SE
2022-11-04	9:17:03	399	27.84	SE	2022-11-04	13:41:04	1,000	28.03	SE
2022-11-04	9:17:13	1,914	27.86	SE	2022-11-04	13:41:15	1,000	28.03	SE
2022-11-04	9:21:10	377	27.81	SE	2022-11-04	13:41:33	1,000	28.05	SE
2022-11-04	9:21:10	466	27.81	SE	2022-11-04	13:41:40	1,000	28.06	SE
2022-11-04	9:21:14	650	27.82	SE	2022-11-04	13:41:45	1,000	28.06	SE
2022-11-04	9:21:14	1,432	27.82	SE	2022-11-04	13:47:51	1,000	28.07	SE
2022-11-04	9:22:15	491	27.82	SE	2022-11-04	13:47:51	1,000	28.07	SE
2022-11-04	9:22:15	377	27.82	SE	2022-11-04	14:02:03	1,000	28.07	SE
2022-11-04	9:22:16	477	27.82	SE	2022-11-04	14:02:34	1,000	28.07	SE
2022-11-04	9:23:12	1,432	27.86	SE	2022-11-04	14:03:15	1,000	28.07	SE
2022-11-04	9:23:54	500	27.86	SE	2022-11-04	14:03:30	1,000	28.07	SE
2022-11-04	9:24:29	466	27.86	SE	2022-11-04	14:03:44	1,000	28.08	SE
2022-11-04	9:24:29	60	27.86	SE	2022-11-04	14:03:44	1,000	28.08	SE
2022-11-04	9:25:02	1,432	27.87	SE	2022-11-04	14:17:57	1,000	28.16	SE
2022-11-04	9:25:04	398	27.87	SE	2022-11-04	14:18:57	1,000	28.18	SE
2022-11-04	9:39:11	1,432	27.81	SE	2022-11-04	14:19:08	1,000	28.18	SE
2022-11-04	9:39:55	1,432	27.81	SE	2022-11-04	14:28:16	1,000	28.19	SE
2022-11-04	9:40:03	425	27.81	SE	2022-11-04	14:33:20	1,000	28.24	SE
2022-11-04	9:40:33	368	27.81	SE	2022-11-04	14:33:35	1,000	28.24	SE
2022-11-04	9:40:47	426	27.81	SE	2022-11-04	14:47:18	1,000	28.23	SE
2022-11-04	9:41:16	1,432	27.82	SE	2022-11-04	14:47:25	1,000	28.24	SE
2022-11-04	9:41:16	377	27.82	SE	2022-11-04	14:47:25	1,000	28.24	SE
2022-11-04	9:50:18	1,432	27.79	SE	2022-11-04	14:47:35	1,000	28.24	SE
2022-11-04	9:50:18	1,432	27.79	SE	2022-11-04	14:47:35	1,000	28.24	SE
2022-11-04	10:04:29	658	27.82	SE	2022-11-04	14:52:28	1,000	28.23	SE
2022-11-04	10:04:29	377	27.82	SE	2022-11-04	14:52:29	1,000	28.23	SE
2022-11-04	10:04:35	1	27.82	SE	2022-11-04	14:55:37	1,000	28.26	SE
2022-11-04	10:05:18	1,432	27.84	SE	2022-11-04	15:06:36	1,000	28.29	SE
2022-11-04	10:05:25	377	27.84	SE	2022-11-04	15:06:48	1,000	28.28	SE
2022-11-04	10:10:52	1,372	27.86	SE	2022-11-04	15:06:51	1,000	28.28	SE
2022-11-04	10:17:05	1,300	27.97	SE	2022-11-04	15:06:55	1,000	28.29	SE
2022-11-04	10:17:07	1,000	27.96	SE	2022-11-04	15:06:55	1,000	28.29	SE
2022-11-04	10:17:08	1,200	27.94	SE	2022-11-04	15:10:16	1,000	28.25	SE
2022-11-04	11:47:22	5,000	28.05	SE	2022-11-04	15:10:26	1,000	28.26	SE
2022-11-04	12:07:44	5,000	28.07	SE	2022-11-04	15:10:27	1,000	28.26	SE
2022-11-04	12:22:01	5,000	28.09	SE	2022-11-04	15:24:32	1,000	28.31	SE
2022-11-04	12:36:37	5,000	28.05	SE	2022-11-04	15:24:32	1,000	28.31	SE
2022-11-04	12:57:42	5,000	28.08	SE	2022-11-04	15:29:02	1,000	28.32	SE

2022-11-04	15:38:43	1,000	28.38	SE	2022-11-08	9:11:19	1,000	28.44	SE
2022-11-04	15:38:47	1,000	28.39	SE	2022-11-08	9:11:19	1,000	28.44	SE
2022-11-04	15:38:51	1,000	28.39	SE	2022-11-08	9:26:31	1,000	28.46	SE
2022-11-04	15:49:40	1,000	28.44	SE	2022-11-08	9:29:18	1,000	28.43	SE
2022-11-04	15:49:40	1,000	28.44	SE	2022-11-08	9:30:08	1,000	28.44	SE
2022-11-04	15:50:46	1,000	28.42	SE	2022-11-08	9:31:20	1,000	28.45	SE
2022-11-04	15:50:46	1,000	28.42	SE	2022-11-08	9:31:20	1,000	28.45	SE
2022-11-04	15:50:50	1,000	28.42	SE	2022-11-08	9:45:26	1,000	28.55	SE
2022-11-04	15:50:50	1,000	28.42	SE	2022-11-08	9:45:26	1,000	28.56	SE
2022-11-04	15:50:55	1,000	28.42	SE	2022-11-08	9:46:45	1,000	28.54	SE
2022-11-04	15:50:55	1,000	28.42	SE	2022-11-08	9:46:45	1,000	28.54	SE
2022-11-04	15:52:47	1,000	28.42	SE	2022-11-08	9:55:17	1,000	28.50	SE
2022-11-04	15:52:47	1,000	28.45	SE	2022-11-08	9:55:37	1,000	28.50	SE
2022-11-04	16:03:53	1,000	28.42	SE	2022-11-08	9:55:56	1,000	28.50	SE
2022-11-04	16:11:15	5,000	28.38	SE	2022-11-08	9:56:00	1,000	28.50	SE
2022-11-04	16:19:06	5,000	28.43	SE	2022-11-08	10:00:17	1,000	28.49	SE
2022-11-04	16:19:35	2,394	28.42	SE	2022-11-08	10:00:21	1,000	28.49	SE
2022-11-07	9:17:34	5,000	28.39	SE	2022-11-08	10:00:22	1,000	28.49	SE
2022-11-07	9:31:53	5,000	28.36	SE	2022-11-08	10:14:32	1,000	28.47	SE
2022-11-07	9:47:54	5,000	28.42	SE	2022-11-08	10:14:32	1,000	28.47	SE
2022-11-07	9:52:49	5,000	28.41	SE	2022-11-08	10:23:30	1,000	28.47	SE
2022-11-07	10:22:12	5,000	28.37	SE	2022-11-08	10:23:35	1,000	28.47	SE
2022-11-07	10:22:22	5,000	28.36	SE	2022-11-08	10:23:35	1,000	28.47	SE
2022-11-07	10:22:38	5,000	28.36	SE	2022-11-08	10:37:51	1,000	28.53	SE
2022-11-07	10:43:07	5,000	28.30	SE	2022-11-08	10:38:24	1,000	28.54	SE
2022-11-07	11:01:05	5,000	28.28	SE	2022-11-08	10:38:24	1,000	28.54	SE
2022-11-07	11:19:05	5,000	28.39	SE	2022-11-08	10:50:39	1,000	28.49	SE
2022-11-07	11:59:58	5,000	28.44	SE	2022-11-08	10:50:39	1,000	28.49	SE
2022-11-07	12:17:20	5,000	28.41	SE	2022-11-08	11:05:45	1,000	28.56	SE
2022-11-07	12:35:46	5,000	28.44	SE	2022-11-08	11:05:45	1,000	28.56	SE
2022-11-07	12:51:13	5,000	28.46	SE	2022-11-08	11:18:53	1,000	28.54	SE
2022-11-07	13:19:57	5,000	28.54	SE	2022-11-08	11:19:04	1,000	28.54	SE
2022-11-07	13:36:21	5,000	28.51	SE	2022-11-08	11:19:13	1,000	28.54	SE
2022-11-07	14:08:04	5,000	28.58	SE	2022-11-08	11:19:15	1,000	28.54	SE
2022-11-07	14:10:49	5,000	28.54	SE	2022-11-08	11:19:22	1,000	28.54	SE
2022-11-07	14:18:24	5,000	28.56	SE	2022-11-08	11:19:41	1,000	28.55	SE
2022-11-07	14:41:37	5,000	28.55	SE	2022-11-08	11:21:13	1,000	28.54	SE
2022-11-07	14:48:38	5,000	28.54	SE	2022-11-08	11:21:15	1,000	28.54	SE
2022-11-07	15:03:33	5,000	28.55	SE	2022-11-08	11:35:19	1,000	28.48	SE
2022-11-07	15:32:10	5,000	28.54	SE	2022-11-08	11:35:40	1,000	28.48	SE
2022-11-07	15:36:08	5,000	28.49	SE	2022-11-08	11:35:47	1,000	28.48	SE
2022-11-07	15:36:22	5,000	28.48	SE	2022-11-08	11:42:21	1,000	28.49	SE
2022-11-07	16:00:49	5,000	28.47	SE	2022-11-08	11:50:00	1,000	28.51	SE
2022-11-07	16:01:57	5,000	28.49	SE	2022-11-08	11:50:13	1,000	28.51	SE
2022-11-07	16:25:43	5,000	28.52	SE	2022-11-08	12:04:17	1,000	28.51	SE
2022-11-08	9:03:23	5,000	28.49	SE	2022-11-08	12:04:20	1,000	28.51	SE
2022-11-08	9:06:03	1,000	28.46	SE	2022-11-08	12:18:25	1,000	28.51	SE
2022-11-08	9:06:26	1,000	28.46	SE	2022-11-08	12:18:40	1,000	28.52	SE
2022-11-08	9:06:28	1,000	28.46	SE	2022-11-08	12:18:43	1,000	28.52	SE

2022-11-08	12:32:48	1,000	28.54	SE	2022-11-08	15:56:51	1,000	28.70	SE
2022-11-08	12:32:50	1,000	28.55	SE	2022-11-08	15:56:55	1,000	28.70	SE
2022-11-08	12:32:50	1,000	28.55	SE	2022-11-08	15:56:55	1,000	28.70	SE
2022-11-08	12:46:55	1,000	28.47	SE	2022-11-08	16:00:15	1,000	28.66	SE
2022-11-08	12:46:57	1,000	28.48	SE	2022-11-08	16:00:15	1,000	28.66	SE
2022-11-08	12:46:57	1,000	28.48	SE	2022-11-08	16:02:13	1,000	28.69	SE
2022-11-08	12:54:16	1,000	28.49	SE	2022-11-08	16:02:16	1,000	28.69	SE
2022-11-08	12:54:42	1,000	28.49	SE	2022-11-08	16:03:25	1,000	28.69	SE
2022-11-08	13:09:07	1,000	28.50	SE	2022-11-08	16:03:25	1,000	28.69	SE
2022-11-08	13:09:08	1,000	28.50	SE	2022-11-08	16:11:09	5,000	28.71	SE
2022-11-08	13:11:03	1,000	28.49	SE	2022-11-08	16:21:37	1,000	28.72	SE
2022-11-08	13:11:07	1,000	28.49	SE	2022-11-08	16:21:37	1,000	28.72	SE
2022-11-08	13:23:13	1,000	28.49	SE	2022-11-08	16:21:42	1,000	28.72	SE
2022-11-08	13:23:13	1,000	28.49	SE	2022-11-08	16:21:42	1,000	28.72	SE
2022-11-08	13:37:57	1,000	28.47	SE	2022-11-08	16:21:46	1,000	28.72	SE
2022-11-08	13:38:19	1,000	28.48	SE	2022-11-08	16:21:46	1,000	28.72	SE
2022-11-08	13:38:19	1,000	28.48	SE	2022-11-08	16:22:56	1,000	28.71	SE
2022-11-08	13:52:24	1,000	28.54	SE	2022-11-08	16:35:52	1,000	28.75	SE
2022-11-08	13:52:26	1,000	28.54	SE	2022-11-08	16:35:53	1,000	28.75	SE
2022-11-08	13:52:30	1,000	28.54	SE	2022-11-08	16:41:35	1,000	28.75	SE
2022-11-08	14:06:36	1,000	28.55	SE	2022-11-08	16:41:35	1,000	28.75	SE
2022-11-08	14:06:38	1,000	28.55	SE	2022-11-08	16:41:39	1,000	28.75	SE
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2022-11-08	14:20:45	1,000	28.56	SE	2022-11-08	16:41:43	1,000	28.76	SE
2022-11-08	14:34:50	1,000	28.56	SE	2022-11-08	16:41:53	1,000	28.77	SE
2022-11-08	14:34:50	1,000	28.56	SE	2022-11-08	16:41:54	1,000	28.77	SE
2022-11-08	14:48:55	1,000	28.61	SE	2022-11-08	16:47:15	1,000	28.82	SE
2022-11-08	14:48:55	1,000	28.61	SE	2022-11-08	16:49:09	1,000	28.84	SE
2022-11-08	15:03:47	1,000	28.66	SE	2022-11-08	16:51:40	1,000	28.84	SE
2022-11-08	15:03:47	1,000	28.66	SE	2022-11-08	16:54:13	1,000	28.84	SE
2022-11-08	15:14:26	1,000	28.66	SE	2022-11-09	9:11:09	1,000	28.94	SE
2022-11-08	15:14:26	1,000	28.66	SE	2022-11-09	9:11:50	1,000	28.95	SE
2022-11-08	15:27:10	1,000	28.67	SE	2022-11-09	9:12:18	1,000	28.97	SE
2022-11-08	15:27:10	1,000	28.67	SE	2022-11-09	9:14:27	1,000	28.95	SE
2022-11-08	15:31:52	1,000	28.69	SE	2022-11-09	9:14:28	1,000	28.95	SE
2022-11-08	15:31:53	1,000	28.69	SE	2022-11-09	9:23:29	1,000	28.99	SE
2022-11-08	15:45:31	1,000	28.67	SE	2022-11-09	9:23:29	1,000	28.99	SE
2022-11-08	15:45:31	1,000	28.67	SE	2022-11-09	9:23:37	1,000	28.99	SE
2022-11-08	15:45:33	1,000	28.67	SE	2022-11-09	9:25:12	1,000	28.97	SE
2022-11-08	15:45:33	1,000	28.67	SE	2022-11-09	9:25:47	1,000	28.98	SE
2022-11-08	15:45:37	1,000	28.67	SE	2022-11-09	9:25:50	1,000	28.99	SE
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2022-11-08	15:45:48	1,000	28.67	SE	2022-11-09	9:27:57	1,000	28.95	SE
2022-11-08	15:45:48	1,000	28.67	SE	2022-11-09	9:29:41	1,000	28.99	SE
2022-11-08	15:56:42	1,000	28.70	SE	2022-11-09	9:30:49	1,000	28.98	SE
2022-11-08	15:56:42	1,000	28.70	SE	2022-11-09	9:30:58	1,000	28.98	SE
2022-11-08	15:56:45	1,000	28.70	SE	2022-11-09	9:33:35	1,000	28.94	SE
2022-11-08	15:56:46	1,000	28.70	SE	2022-11-09	9:33:35	1,000	28.94	SE
2022-11-08	15:56:51	1,000	28.70	SE	2022-11-09	9:34:27	1,000	28.93	SE

2022-11-09	9:34:35	1,000	28.93	SE	2022-11-09	11:30:28	1,000	28.78	SE
2022-11-09	9:36:50	1,000	28.96	SE	2022-11-09	11:30:28	1,084	28.78	SE
2022-11-09	9:36:54	1,000	28.96	SE	2022-11-09	11:30:49	1,000	28.78	SE
2022-11-09	9:50:45	1,000	28.93	SE	2022-11-09	11:45:45	482	28.82	SE
2022-11-09	9:51:08	1,000	28.94	SE	2022-11-09	11:45:45	1,000	28.82	SE
2022-11-09	9:53:57	1,000	28.91	SE	2022-11-09	11:46:24	1,000	28.83	SE
2022-11-09	9:53:58	1,000	28.91	SE	2022-11-09	11:46:58	1,000	28.85	SE
2022-11-09	10:07:25	435	28.93	SE	2022-11-09	11:47:23	1,000	28.85	SE
2022-11-09	10:08:02	1,000	28.95	SE	2022-11-09	12:02:40	1,000	28.81	SE
2022-11-09	10:08:02	900	28.95	SE	2022-11-09	12:02:40	1,468	28.81	SE
2022-11-09	10:14:53	377	28.92	SE	2022-11-09	12:16:46	1,447	28.85	SE
2022-11-09	10:14:54	1	28.92	SE	2022-11-09	12:16:46	1,000	28.85	SE
2022-11-09	10:15:07	1,159	28.92	SE	2022-11-09	12:31:02	900	28.83	SE
2022-11-09	10:15:07	1,000	28.92	SE	2022-11-09	12:31:29	538	28.83	SE
2022-11-09	10:15:13	1,000	28.93	SE	2022-11-09	12:32:06	1,468	28.84	SE
2022-11-09	10:15:22	1,000	28.93	SE	2022-11-09	12:32:06	1,000	28.84	SE
2022-11-09	10:15:25	1,000	28.93	SE	2022-11-09	12:46:18	500	28.80	SE
2022-11-09	10:16:03	1,000	28.92	SE	2022-11-09	12:46:18	420	28.80	SE
2022-11-09	10:16:03	480	28.92	SE	2022-11-09	12:46:20	1,000	28.80	SE
2022-11-09	10:16:05	1	28.92	SE	2022-11-09	12:52:51	1,000	28.76	SE
2022-11-09	10:16:05	536	28.92	SE	2022-11-09	12:52:51	1,000	28.76	SE
2022-11-09	10:19:40	455	28.87	SE	2022-11-09	12:58:45	594	28.74	SE
2022-11-09	10:20:01	104	28.89	SE	2022-11-09	12:59:53	460	28.74	SE
2022-11-09	10:20:42	1,000	28.89	SE	2022-11-09	13:00:36	371	28.74	SE
2022-11-09	10:20:46	12	28.89	SE	2022-11-09	13:00:36	1,000	28.74	SE
2022-11-09	10:22:37	1,136	28.89	SE	2022-11-09	13:01:55	1,000	28.74	SE
2022-11-09	10:22:37	1,000	28.89	SE	2022-11-09	13:01:55	1,000	28.74	SE
2022-11-09	10:37:02	1,000	28.83	SE	2022-11-09	13:16:12	669	28.73	SE
2022-11-09	10:37:09	435	28.83	SE	2022-11-09	13:16:12	1,000	28.73	SE
2022-11-09	10:37:23	1,468	28.84	SE	2022-11-09	13:19:31	82	28.72	SE
2022-11-09	10:37:23	1,000	28.84	SE	2022-11-09	13:19:31	108	28.72	SE
2022-11-09	10:48:20	425	28.86	SE	2022-11-09	13:19:32	1,000	28.73	SE
2022-11-09	10:48:25	369	28.86	SE	2022-11-09	13:19:32	1,468	28.73	SE
2022-11-09	10:48:25	1,000	28.86	SE	2022-11-09	13:19:34	1,000	28.74	SE
2022-11-09	10:55:58	470	28.82	SE	2022-11-09	13:19:34	1,000	28.73	SE
2022-11-09	10:56:31	1,000	28.82	SE	2022-11-09	13:32:53	1,468	28.73	SE
2022-11-09	10:56:33	1,000	28.83	SE	2022-11-09	13:32:53	328	28.73	SE
2022-11-09	10:56:33	1,000	28.83	SE	2022-11-09	13:32:53	1,000	28.73	SE
2022-11-09	10:56:35	942	28.83	SE	2022-11-09	13:47:03	507	28.77	SE
2022-11-09	10:56:35	1,000	28.83	SE	2022-11-09	13:47:03	1,000	28.77	SE
2022-11-09	10:59:11	250	28.79	SE	2022-11-09	13:47:35	1,000	28.77	SE
2022-11-09	10:59:13	1,000	28.80	SE	2022-11-09	14:01:11	475	28.73	SE
2022-11-09	11:15:01	1,000	28.78	SE	2022-11-09	14:01:57	473	28.74	SE
2022-11-09	11:15:18	900	28.77	SE	2022-11-09	14:01:57	1,000	28.74	SE
2022-11-09	11:15:20	1,000	28.78	SE	2022-11-09	14:01:57	1,248	28.74	SE
2022-11-09	11:15:22	3	28.78	SE	2022-11-09	14:16:10	955	28.67	SE
2022-11-09	11:15:59	582	28.79	SE	2022-11-09	14:16:13	443	28.67	SE
2022-11-09	11:15:59	1,000	28.79	SE	2022-11-09	14:16:38	845	28.68	SE
2022-11-09	11:15:59	388	28.79	SE	2022-11-09	14:16:38	1,000	28.68	SE

2022-11-09	14:38:51	462	28.67	SE	2022-11-09	16:37:41	182	28.72	SE
2022-11-09	14:39:54	1,000	28.66	SE	2022-11-09	16:37:41	338	28.72	SE
2022-11-09	14:39:54	1,000	28.66	SE	2022-11-09	16:37:47	1,000	28.72	SE
2022-11-09	14:39:54	573	28.66	SE	2022-11-09	16:37:47	1,468	28.72	SE
2022-11-09	15:08:21	1,468	28.71	SE	2022-11-09	16:37:47	1,000	28.72	SE
2022-11-09	15:08:21	1,000	28.71	SE	2022-11-09	16:37:52	102	28.72	SE
2022-11-09	15:09:33	1,000	28.71	SE	2022-11-09	16:37:57	400	28.72	SE
2022-11-09	15:09:33	1,468	28.72	SE	2022-11-09	16:38:23	389	28.73	SE
2022-11-09	15:09:33	1,000	28.72	SE	2022-11-09	16:38:37	468	28.74	SE
2022-11-09	15:09:33	1,000	28.71	SE	2022-11-09	16:38:38	523	28.74	SE
2022-11-09	15:11:30	1,000	28.69	SE	2022-11-09	16:38:38	1,000	28.74	SE
2022-11-09	15:11:30	1,468	28.69	SE	2022-11-09	16:41:30	543	28.69	SE
2022-11-09	15:11:51	687	28.70	SE	2022-11-09	16:45:45	1,000	28.71	SE
2022-11-09	15:11:51	1,000	28.70	SE	2022-11-09	16:47:24	505	28.72	SE
2022-11-09	15:11:51	445	28.70	SE	2022-11-09	16:47:41	1,000	28.73	SE
2022-11-09	15:25:56	118	28.68	SE	2022-11-09	16:47:42	535	28.73	SE
2022-11-09	15:25:58	1,000	28.69	SE	2022-11-09	16:48:02	1,000	28.73	SE
2022-11-09	15:29:59	47	28.68	SE	2022-11-09	16:48:02	675	28.73	SE
2022-11-09	15:32:23	578	28.66	SE	2022-11-09	16:48:03	2,287	28.74	SE
2022-11-09	15:32:23	1,000	28.66	SE	2022-11-09	16:48:16	525	28.73	SE
2022-11-09	15:32:37	578	28.67	SE	2022-11-09	16:48:16	1,000	28.73	SE
2022-11-09	15:40:03	1,000	28.65	SE	2022-11-09	16:49:24	1,468	28.74	SE
2022-11-09	15:42:10	1,000	28.70	SE	2022-11-09	16:49:24	1,000	28.74	SE
2022-11-09	15:42:11	1,468	28.70	SE	2022-11-09	16:50:52	13	28.71	SE
2022-11-09	15:42:46	1,000	28.72	SE	2022-11-09	16:51:05	1,439	28.72	SE
2022-11-09	15:42:46	1,000	28.72	SE	2022-11-09	16:51:05	1,000	28.72	SE
2022-11-09	15:44:18	505	28.73	SE	2022-11-09	16:52:10	1,000	28.72	SE
2022-11-09	15:44:18	543	28.73	SE	2022-11-09	16:52:10	1,000	28.72	SE
2022-11-09	15:44:22	537	28.73	SE	2022-11-09	16:52:11	1,468	28.72	SE
2022-11-09	15:44:54	3,535	28.75	SE	2022-11-09	16:52:12	1,000	28.72	SE
2022-11-09	15:51:18	63	28.74	SE	2022-11-09	16:52:15	320	28.72	SE
2022-11-09	15:51:31	1,000	28.75	SE	2022-11-09	16:52:15	1,000	28.72	SE
2022-11-09	15:51:46	3,388	28.75	SE	2022-11-09	16:52:22	849	28.72	SE
2022-11-09	15:52:33	904	28.72	SE	2022-11-09	16:52:23	1,000	28.73	SE
2022-11-09	15:53:40	904	28.74	SE	2022-11-09	16:52:23	1,000	28.73	SE
2022-11-09	15:56:59	904	28.74	SE	2022-11-09	16:52:26	1,000	28.73	SE
2022-11-09	15:56:59	1,000	28.74	SE	2022-11-09	16:52:26	1,468	28.73	SE
2022-11-09	15:58:26	1,000	28.73	SE	2022-11-09	16:52:49	1,000	28.73	SE
2022-11-09	15:58:26	521	28.73	SE	2022-11-09	16:52:49	777	28.73	SE
2022-11-09	16:16:47	1,000	28.79	SE	2022-11-09	16:52:52	4	28.73	SE
2022-11-09	16:16:47	904	28.79	SE	2022-11-09	16:53:19	1,000	28.73	SE
2022-11-09	16:19:47	1,468	28.77	SE	2022-11-09	16:53:19	688	28.73	SE
2022-11-09	16:23:29	904	28.79	SE	2022-11-09	16:55:41	1,000	28.72	SE
2022-11-09	16:28:08	1,000	28.75	SE	2022-11-09	16:55:41	1,468	28.73	SE
2022-11-09	16:30:53	503	28.76	SE	2022-11-09	16:55:41	1,000	28.73	SE
2022-11-09	16:30:53	1,000	28.76	SE	2022-11-09	16:57:26	3,097	28.73	SE
2022-11-09	16:37:41	1,000	28.72	SE	2022-11-09	16:57:34	3	28.73	SE
2022-11-09	16:37:41	19	28.71	SE	2022-11-09	16:57:38	395	28.73	SE
2022-11-09	16:37:41	806	28.71	SE	2022-11-09	16:57:38	1,206	28.73	SE

