

ZURICH, SWITZERLAND, DECEMBER 22, 2022

ABB share buybacks

December 15, 2022 – December 21, 2022

During the period December 15, 2022, to December 21, 2022, ABB repurchased a total of 783,000 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)
Dec 15, 2022	198,000	28.987100	5,739,445.80
Dec 16, 2022	190,000	28.210600	5,360,014.00
Dec 19, 2022	125,000	28.175700	3,521,962.50
Dec 20, 2022	130,000	27.982300	3,637,699.00
Dec 21, 2022	140,000	28.116800	3,936,352.00

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 December 21, 2022, is 58,978,000 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 is a technology leader in electrification and automation, enabling a more sustainable and resource-efficient future. The company’s solutions connect engineering know-how and software to optimize how things are manufactured, moved, powered and operated. Building on more than 130 years of excellence, ABB’s ~105,000 employees are committed to driving innovations that accelerate industrial transformation. 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					
					2022-12-15	9:48:56	1,000	29.27	SE
2022-12-15	9:05:08	5,000	29.22	SE	2022-12-15	10:14:07	1,000	29.25	SE
2022-12-15	9:05:36	5,000	29.19	SE	2022-12-15	10:14:07	1,298	29.25	SE
2022-12-15	9:07:41	1,000	29.18	SE	2022-12-15	10:17:06	566	29.24	SE
2022-12-15	9:07:51	1,000	29.19	SE	2022-12-15	10:18:34	352	29.24	SE
2022-12-15	9:08:10	1,000	29.20	SE	2022-12-15	10:18:34	1,000	29.24	SE
2022-12-15	9:08:10	1,000	29.20	SE	2022-12-15	10:18:35	1,000	29.25	SE
2022-12-15	9:08:11	1,000	29.19	SE	2022-12-15	10:18:36	1	29.25	SE
2022-12-15	9:08:38	1,000	29.20	SE	2022-12-15	10:18:36	1,000	29.25	SE
2022-12-15	9:08:42	1,000	29.20	SE	2022-12-15	10:18:54	1,649	29.25	SE
2022-12-15	9:08:46	1,000	29.18	SE	2022-12-15	10:18:54	377	29.25	SE
2022-12-15	9:10:05	5,000	29.22	SE	2022-12-15	10:18:55	1,000	29.25	SE
2022-12-15	9:15:32	942	29.22	SE	2022-12-15	10:22:14	562	29.26	SE
2022-12-15	9:15:35	111	29.22	SE	2022-12-15	10:24:39	1,000	29.27	SE
2022-12-15	9:15:51	99	29.23	SE	2022-12-15	10:28:03	563	29.26	SE
2022-12-15	9:21:13	1,000	29.15	SE	2022-12-15	10:36:06	1,000	29.24	SE
2022-12-15	9:21:13	1,000	29.15	SE	2022-12-15	10:37:24	1,000	29.25	SE
2022-12-15	9:21:28	854	29.14	SE	2022-12-15	10:37:24	1,000	29.25	SE
2022-12-15	9:21:28	1,000	29.14	SE	2022-12-15	10:37:24	1,379	29.25	SE
2022-12-15	9:21:28	377	29.14	SE	2022-12-15	10:39:19	1,000	29.23	SE
2022-12-15	9:21:29	1,000	29.14	SE	2022-12-15	10:39:19	1,000	29.23	SE
2022-12-15	9:21:45	377	29.13	SE	2022-12-15	10:42:10	1,649	29.23	SE
2022-12-15	9:22:34	1,000	29.13	SE	2022-12-15	10:53:55	1,649	29.20	SE
2022-12-15	9:23:14	1,128	29.14	SE	2022-12-15	10:53:55	1,000	29.20	SE
2022-12-15	9:23:27	96	29.14	SE	2022-12-15	10:53:55	1,000	29.20	SE
2022-12-15	9:23:56	293	29.16	SE	2022-12-15	10:55:39	1,000	29.23	SE
2022-12-15	9:24:14	81	29.16	SE	2022-12-15	11:01:17	349	29.22	SE
2022-12-15	9:24:37	66	29.18	SE	2022-12-15	11:01:57	356	29.19	SE
2022-12-15	9:25:25	55	29.20	SE	2022-12-15	11:06:30	95	29.20	SE
2022-12-15	9:25:36	377	29.20	SE	2022-12-15	11:07:43	114	29.21	SE
2022-12-15	9:30:51	281	29.22	SE	2022-12-15	11:07:59	1,000	29.22	SE
2022-12-15	9:40:23	450	29.21	SE	2022-12-15	11:08:32	354	29.22	SE
2022-12-15	9:40:23	719	29.21	SE	2022-12-15	11:08:54	1,649	29.21	SE
2022-12-15	9:40:25	1,195	29.21	SE	2022-12-15	11:08:54	1,000	29.21	SE
2022-12-15	9:42:23	453	29.23	SE	2022-12-15	11:08:58	1,000	29.21	SE
2022-12-15	9:42:29	348	29.23	SE	2022-12-15	11:18:29	1,000	29.13	SE
2022-12-15	9:42:31	397	29.23	SE	2022-12-15	11:18:29	1,000	29.13	SE
2022-12-15	9:42:39	344	29.23	SE	2022-12-15	11:18:31	390	29.13	SE
2022-12-15	9:43:11	1,649	29.24	SE	2022-12-15	11:18:31	1,000	29.13	SE
2022-12-15	9:43:11	1,000	29.24	SE	2022-12-15	11:18:32	112	29.13	SE
2022-12-15	9:48:56	1,649	29.27	SE	2022-12-15	11:28:26	1,000	29.16	SE

2022-12-15	11:28:28	1,000	29.16	SE	2022-12-15	14:52:58	491	28.87	SE
2022-12-15	11:28:31	1,649	29.17	SE	2022-12-15	14:52:58	1,000	28.87	SE
2022-12-15	11:28:31	1,000	29.17	SE	2022-12-15	14:53:22	1,000	28.86	SE
2022-12-15	11:43:13	2,925	29.21	SE	2022-12-15	14:53:24	683	28.86	SE
2022-12-15	12:15:49	1,000	29.20	SE	2022-12-15	15:00:36	5,000	28.92	SE
2022-12-15	12:15:49	1,649	29.20	SE	2022-12-15	15:00:48	320	28.92	SE
2022-12-15	12:17:09	1,000	29.19	SE	2022-12-15	15:10:02	1,000	28.89	SE
2022-12-15	12:17:09	364	29.19	SE	2022-12-15	15:10:02	1,000	28.89	SE
2022-12-15	12:18:22	1,649	29.18	SE	2022-12-15	15:10:07	1,649	28.88	SE
2022-12-15	12:36:04	618	29.16	SE	2022-12-15	15:10:07	377	28.88	SE
2022-12-15	12:36:04	1,000	29.16	SE	2022-12-15	15:10:10	1,000	28.88	SE
2022-12-15	12:46:43	1,000	29.17	SE	2022-12-15	15:10:48	799	28.87	SE
2022-12-15	12:46:43	1,000	29.17	SE	2022-12-15	15:10:51	400	28.86	SE
2022-12-15	13:03:17	1,000	29.13	SE	2022-12-15	15:10:51	404	28.86	SE
2022-12-15	13:03:17	1,000	29.13	SE	2022-12-15	15:11:39	799	28.83	SE
2022-12-15	13:12:20	1,000	29.11	SE	2022-12-15	15:15:02	450	28.83	SE
2022-12-15	13:19:48	1,000	29.14	SE	2022-12-15	15:16:42	685	28.79	SE
2022-12-15	13:19:50	1,000	29.14	SE	2022-12-15	15:16:42	393	28.79	SE
2022-12-15	13:37:47	567	29.11	SE	2022-12-15	15:18:00	1,213	28.76	SE
2022-12-15	13:37:52	8	29.11	SE	2022-12-15	15:18:00	1,000	28.76	SE
2022-12-15	13:38:20	1,000	29.11	SE	2022-12-15	15:18:01	523	28.75	SE
2022-12-15	13:38:20	364	29.11	SE	2022-12-15	15:18:01	1,000	28.75	SE
2022-12-15	13:54:51	1,000	29.13	SE	2022-12-15	15:19:16	400	28.75	SE
2022-12-15	13:54:52	22	29.13	SE	2022-12-15	15:25:13	1,649	28.76	SE
2022-12-15	13:55:17	359	29.13	SE	2022-12-15	15:34:45	892	28.68	SE
2022-12-15	13:55:19	361	29.13	SE	2022-12-15	15:34:45	377	28.68	SE
2022-12-15	13:55:19	1,000	29.13	SE	2022-12-15	15:34:46	1,649	28.69	SE
2022-12-15	13:56:47	511	29.12	SE	2022-12-15	15:34:46	1,000	28.69	SE
2022-12-15	14:11:50	1,000	29.12	SE	2022-12-15	15:34:52	1,000	28.68	SE
2022-12-15	14:12:27	1,000	29.12	SE	2022-12-15	15:34:53	1,649	28.68	SE
2022-12-15	14:15:17	921	29.13	SE	2022-12-15	15:35:41	112	28.68	SE
2022-12-15	14:17:22	1,649	29.08	SE	2022-12-15	15:40:22	491	28.70	SE
2022-12-15	14:17:22	1,000	29.08	SE	2022-12-15	15:43:14	1,062	28.68	SE
2022-12-15	14:17:25	397	29.07	SE	2022-12-15	15:43:14	116	28.68	SE
2022-12-15	14:17:26	1,649	29.07	SE	2022-12-15	15:43:14	1,000	28.68	SE
2022-12-15	14:17:35	1,000	29.08	SE	2022-12-15	15:43:14	1,000	28.67	SE
2022-12-15	14:20:04	394	29.02	SE	2022-12-15	15:44:29	755	28.69	SE
2022-12-15	14:22:21	91	29.00	SE	2022-12-15	15:44:31	618	28.69	SE
2022-12-15	14:22:21	682	29.00	SE	2022-12-15	15:44:31	4	28.69	SE
2022-12-15	14:22:31	271	29.01	SE	2022-12-15	15:44:34	1,000	28.70	SE
2022-12-15	14:22:44	396	29.01	SE	2022-12-15	15:44:34	476	28.70	SE
2022-12-15	14:22:44	1,000	29.01	SE	2022-12-15	15:44:34	1,242	28.70	SE
2022-12-15	14:28:59	1,000	29.00	SE	2022-12-15	15:45:09	755	28.72	SE
2022-12-15	14:28:59	1,649	29.00	SE	2022-12-15	15:52:34	1,000	28.64	SE
2022-12-15	14:28:59	1,000	29.00	SE	2022-12-15	15:52:34	498	28.64	SE
2022-12-15	14:35:50	511	28.92	SE	2022-12-15	15:52:34	1,000	28.64	SE
2022-12-15	14:45:31	1,000	28.96	SE	2022-12-15	15:53:30	1,649	28.64	SE
2022-12-15	14:45:31	1,000	28.96	SE	2022-12-15	15:53:30	939	28.64	SE
2022-12-15	14:52:58	1,000	28.87	SE	2022-12-15	16:00:09	34	28.59	SE

2022-12-15	16:00:22	1,000	28.60	SE	2022-12-16	9:10:33	1,000	28.58	SE
2022-12-15	16:00:31	927	28.60	SE	2022-12-16	9:12:23	660	28.54	SE
2022-12-15	16:00:31	3	28.60	SE	2022-12-16	9:12:25	1,132	28.55	SE
2022-12-15	16:01:11	34	28.59	SE	2022-12-16	9:12:25	1,000	28.55	SE
2022-12-15	16:01:29	632	28.59	SE	2022-12-16	9:12:28	381	28.54	SE
2022-12-15	16:01:29	1,143	28.59	SE	2022-12-16	9:12:28	1,649	28.54	SE
2022-12-15	16:01:36	1,000	28.59	SE	2022-12-16	9:13:51	1,649	28.51	SE
2022-12-15	16:04:09	1,000	28.58	SE	2022-12-16	9:13:51	1,000	28.51	SE
2022-12-15	16:04:09	377	28.58	SE	2022-12-16	9:13:51	1,000	28.51	SE
2022-12-15	16:04:10	2	28.58	SE	2022-12-16	9:28:26	1,000	28.45	SE
2022-12-15	16:04:12	377	28.58	SE	2022-12-16	9:28:26	1,000	28.45	SE
2022-12-15	16:05:57	1,000	28.58	SE	2022-12-16	9:28:26	1,649	28.45	SE
2022-12-15	16:05:57	514	28.58	SE	2022-12-16	9:36:13	1,000	28.46	SE
2022-12-15	16:11:44	1,176	28.53	SE	2022-12-16	9:36:13	767	28.46	SE
2022-12-15	16:11:48	778	28.53	SE	2022-12-16	9:51:55	86	28.36	SE
2022-12-15	16:11:48	1,000	28.53	SE	2022-12-16	9:51:55	1,000	28.37	SE
2022-12-15	16:12:00	1,649	28.54	SE	2022-12-16	9:51:55	984	28.37	SE
2022-12-15	16:12:00	377	28.54	SE	2022-12-16	9:52:01	71	28.36	SE
2022-12-15	16:12:00	1,000	28.54	SE	2022-12-16	9:52:02	1,649	28.37	SE
2022-12-15	16:15:03	939	28.55	SE	2022-12-16	9:52:02	1,000	28.37	SE
2022-12-15	16:15:45	939	28.54	SE	2022-12-16	9:52:08	1,000	28.37	SE
2022-12-15	16:18:41	1,649	28.59	SE	2022-12-16	9:52:08	1,072	28.37	SE
2022-12-15	16:19:48	1,000	28.59	SE	2022-12-16	9:52:08	1,000	28.37	SE
2022-12-15	16:19:48	1,449	28.59	SE	2022-12-16	9:52:14	1,000	28.37	SE
2022-12-15	16:22:33	1,000	28.58	SE	2022-12-16	9:52:16	1,000	28.37	SE
2022-12-15	16:22:33	1,649	28.58	SE	2022-12-16	9:52:33	1,649	28.39	SE
2022-12-15	16:31:59	550	28.62	SE	2022-12-16	9:52:33	1,000	28.39	SE
2022-12-15	16:31:59	1,000	28.62	SE	2022-12-16	9:52:33	356	28.39	SE
2022-12-15	16:35:18	377	28.63	SE	2022-12-16	10:01:23	1,000	28.35	SE
2022-12-15	16:35:18	1,234	28.63	SE	2022-12-16	10:01:23	1,000	28.35	SE
2022-12-15	16:41:45	781	28.67	SE	2022-12-16	10:01:34	1,000	28.35	SE
2022-12-15	16:41:45	1,000	28.67	SE	2022-12-16	10:01:34	1,000	28.35	SE
2022-12-15	16:44:24	1,000	28.69	SE	2022-12-16	10:02:37	3,888	28.31	SE
2022-12-15	16:44:24	691	28.69	SE	2022-12-16	10:06:25	1,649	28.32	SE
2022-12-15	16:48:50	90	28.66	SE	2022-12-16	10:06:25	1,000	28.32	SE
2022-12-15	16:48:50	1,000	28.66	SE	2022-12-16	10:12:08	286	28.29	SE
2022-12-15	16:48:50	1,649	28.66	SE	2022-12-16	10:12:08	377	28.29	SE
2022-12-15	16:48:50	1,000	28.66	SE	2022-12-16	10:12:08	1,000	28.29	SE
2022-12-16	9:08:27	1,000	28.58	SE	2022-12-16	10:38:28	1,369	28.30	SE
2022-12-16	9:08:28	1,000	28.58	SE	2022-12-16	10:38:28	1,000	28.30	SE
2022-12-16	9:08:40	295	28.59	SE	2022-12-16	10:38:28	1,000	28.30	SE
2022-12-16	9:08:40	1,000	28.59	SE	2022-12-16	10:58:42	1,000	28.27	SE
2022-12-16	9:08:46	385	28.59	SE	2022-12-16	10:58:43	1,000	28.27	SE
2022-12-16	9:09:01	550	28.59	SE	2022-12-16	11:33:44	1,095	28.08	SE
2022-12-16	9:09:01	200	28.59	SE	2022-12-16	11:34:10	1,000	28.07	SE
2022-12-16	9:09:03	242	28.60	SE	2022-12-16	11:38:11	1,649	28.18	SE
2022-12-16	9:09:03	1,000	28.60	SE	2022-12-16	11:38:11	1,000	28.18	SE
2022-12-16	9:09:05	387	28.60	SE	2022-12-16	11:38:11	209	28.18	SE
2022-12-16	9:09:15	387	28.59	SE	2022-12-16	11:38:13	856	28.19	SE

2022-12-16	11:38:13	1,000	28.19	SE	2022-12-16	14:20:17	1,000	28.11	SE
2022-12-16	11:38:53	948	28.18	SE	2022-12-16	14:27:24	1,000	28.11	SE
2022-12-16	11:38:53	1,000	28.18	SE	2022-12-16	14:27:24	1,649	28.11	SE
2022-12-16	11:39:01	1,000	28.18	SE	2022-12-16	14:27:24	1,000	28.11	SE
2022-12-16	11:39:01	1,000	28.18	SE	2022-12-16	14:39:36	1,252	28.07	SE
2022-12-16	11:39:01	420	28.18	SE	2022-12-16	14:39:36	1,000	28.07	SE
2022-12-16	11:52:46	1,649	28.08	SE	2022-12-16	14:39:36	1,000	28.07	SE
2022-12-16	11:52:46	1,000	28.08	SE	2022-12-16	14:48:13	1,649	28.12	SE
2022-12-16	11:52:55	1,000	28.08	SE	2022-12-16	14:48:13	1,000	28.12	SE
2022-12-16	11:52:55	1,000	28.08	SE	2022-12-16	14:48:15	453	28.11	SE
2022-12-16	11:56:11	417	28.04	SE	2022-12-16	15:21:42	438	28.13	SE
2022-12-16	11:56:11	384	28.03	SE	2022-12-16	15:21:42	1,000	28.13	SE
2022-12-16	11:56:11	499	28.04	SE	2022-12-16	15:21:47	1,649	28.14	SE
2022-12-16	11:56:11	1,000	28.04	SE	2022-12-16	15:27:32	1,000	28.15	SE
2022-12-16	11:56:16	3	28.04	SE	2022-12-16	15:27:32	71	28.15	SE
2022-12-16	11:56:17	360	28.04	SE	2022-12-16	15:27:32	1,000	28.15	SE
2022-12-16	11:56:17	366	28.04	SE	2022-12-16	15:45:24	1,258	28.17	SE
2022-12-16	11:56:17	368	28.04	SE	2022-12-16	15:45:24	521	28.17	SE
2022-12-16	11:56:17	363	28.04	SE	2022-12-16	16:01:26	1,649	28.19	SE
2022-12-16	11:56:18	384	28.04	SE	2022-12-16	16:01:26	1,000	28.19	SE
2022-12-16	11:57:50	1,649	28.04	SE	2022-12-16	16:01:49	1,000	28.19	SE
2022-12-16	11:57:50	1,000	28.04	SE	2022-12-16	16:09:38	1,265	28.16	SE
2022-12-16	12:18:46	1,405	28.10	SE	2022-12-16	16:09:38	1,000	28.16	SE
2022-12-16	12:18:46	1,000	28.10	SE	2022-12-16	16:09:44	1,649	28.16	SE
2022-12-16	12:35:26	385	28.11	SE	2022-12-16	16:09:44	1,000	28.16	SE
2022-12-16	12:35:26	1,000	28.11	SE	2022-12-16	16:09:59	377	28.16	SE
2022-12-16	12:35:35	1,232	28.12	SE	2022-12-16	16:10:00	1,649	28.16	SE
2022-12-16	12:35:44	105	28.12	SE	2022-12-16	16:14:01	1,000	28.15	SE
2022-12-16	12:35:55	1,649	28.13	SE	2022-12-16	16:14:01	512	28.15	SE
2022-12-16	12:39:44	400	28.14	SE	2022-12-16	16:16:31	1,649	28.14	SE
2022-12-16	12:40:34	1,649	28.15	SE	2022-12-16	16:16:31	1,000	28.14	SE
2022-12-16	12:40:34	1,000	28.15	SE	2022-12-16	16:16:31	1,000	28.14	SE
2022-12-16	12:47:49	1,649	28.12	SE	2022-12-16	16:16:41	1,649	28.15	SE
2022-12-16	12:47:49	1,000	28.12	SE	2022-12-16	16:16:41	1,000	28.15	SE
2022-12-16	13:04:40	1,649	28.16	SE	2022-12-16	16:16:41	1,649	28.14	SE
2022-12-16	13:04:40	1,000	28.16	SE	2022-12-16	16:16:41	1,000	28.14	SE
2022-12-16	13:04:47	1,649	28.16	SE	2022-12-16	16:16:44	854	28.14	SE
2022-12-16	13:04:47	1,000	28.16	SE	2022-12-16	16:16:46	499	28.14	SE
2022-12-16	13:10:36	1,649	28.16	SE	2022-12-16	16:16:46	1,649	28.14	SE
2022-12-16	13:10:36	1,000	28.16	SE	2022-12-16	16:20:10	1,649	28.14	SE
2022-12-16	13:10:36	1,000	28.17	SE	2022-12-16	16:20:10	1,000	28.14	SE
2022-12-16	13:10:52	1,649	28.15	SE	2022-12-16	16:20:17	1,000	28.14	SE
2022-12-16	13:21:17	2,000	28.15	SE	2022-12-16	16:20:17	1,000	28.14	SE
2022-12-16	14:04:48	1,000	28.17	SE	2022-12-16	16:22:32	1,649	28.15	SE
2022-12-16	14:04:48	1,000	28.17	SE	2022-12-16	16:22:32	385	28.15	SE
2022-12-16	14:04:49	1,000	28.17	SE	2022-12-16	16:22:32	1,000	28.15	SE
2022-12-16	14:04:49	1,000	28.17	SE	2022-12-16	16:22:34	537	28.14	SE
2022-12-16	14:08:45	5,000	28.12	SE	2022-12-16	16:22:35	521	28.14	SE
2022-12-16	14:20:17	1,649	28.11	SE	2022-12-16	16:23:32	1,649	28.13	SE

2022-12-16	16:23:32	1,000	28.13	SE	2022-12-19	9:37:14	1,000	28.17	SE
2022-12-16	16:23:33	518	28.13	SE	2022-12-19	9:37:27	1,000	28.16	SE
2022-12-16	16:23:33	1,000	28.13	SE	2022-12-19	9:37:30	549	28.17	SE
2022-12-16	16:25:41	420	28.12	SE	2022-12-19	9:48:19	1,000	28.14	SE
2022-12-16	16:25:41	1,000	28.12	SE	2022-12-19	9:48:21	1,000	28.15	SE
2022-12-16	16:25:42	539	28.12	SE	2022-12-19	9:48:21	1,000	28.15	SE
2022-12-16	16:27:29	1,000	28.13	SE	2022-12-19	9:48:23	1,000	28.15	SE
2022-12-16	16:27:29	156	28.13	SE	2022-12-19	9:48:31	1,000	28.16	SE
2022-12-16	16:27:29	1,000	28.13	SE	2022-12-19	9:48:31	1,423	28.16	SE
2022-12-16	16:28:42	1,000	28.12	SE	2022-12-19	9:48:33	900	28.14	SE
2022-12-16	16:28:43	514	28.12	SE	2022-12-19	9:51:46	1,121	28.16	SE
2022-12-16	16:29:25	494	28.10	SE	2022-12-19	9:56:19	288	28.17	SE
2022-12-16	16:30:46	1,000	28.10	SE	2022-12-19	9:56:19	1,000	28.17	SE
2022-12-16	16:35:17	1,000	28.08	SE	2022-12-19	9:56:20	1,662	28.18	SE
2022-12-16	16:35:17	1,000	28.08	SE	2022-12-19	9:56:20	1,000	28.18	SE
2022-12-16	16:35:26	1,000	28.08	SE	2022-12-19	10:04:36	450	28.17	SE
2022-12-16	16:35:26	1,020	28.08	SE	2022-12-19	10:12:55	507	28.21	SE
2022-12-16	16:35:27	1,000	28.08	SE	2022-12-19	10:12:57	1,662	28.22	SE
2022-12-16	16:38:28	1,000	28.12	SE	2022-12-19	10:12:57	1,000	28.22	SE
2022-12-16	16:39:12	1,649	28.13	SE	2022-12-19	10:22:10	1,200	28.23	SE
2022-12-16	16:39:12	1,000	28.13	SE	2022-12-19	10:29:54	778	28.25	SE
2022-12-16	16:43:30	1,649	28.17	SE	2022-12-19	10:29:58	128	28.25	SE
2022-12-16	16:43:30	1,000	28.17	SE	2022-12-19	10:30:36	900	28.25	SE
2022-12-16	16:48:40	514	28.18	SE	2022-12-19	10:30:37	396	28.25	SE
2022-12-16	16:48:40	1,000	28.18	SE	2022-12-19	10:31:01	377	28.25	SE
2022-12-16	16:48:49	1,000	28.18	SE	2022-12-19	10:31:03	1,000	28.25	SE
2022-12-16	16:48:49	1,000	28.18	SE	2022-12-19	10:31:03	1,662	28.25	SE
2022-12-16	16:51:31	1,040	28.16	SE	2022-12-19	10:42:04	1,000	28.17	SE
2022-12-16	16:51:31	1,000	28.16	SE	2022-12-19	10:42:04	1,000	28.17	SE
2022-12-16	16:51:31	1,000	28.16	SE	2022-12-19	10:42:04	562	28.16	SE
2022-12-19	9:05:09	1,000	28.19	SE	2022-12-19	10:42:04	510	28.16	SE
2022-12-19	9:05:10	1,000	28.22	SE	2022-12-19	10:43:29	1,000	28.15	SE
2022-12-19	9:05:11	1,000	28.22	SE	2022-12-19	10:53:40	1,662	28.18	SE
2022-12-19	9:07:08	1,000	28.20	SE	2022-12-19	10:53:40	1,662	28.19	SE
2022-12-19	9:19:38	1,373	28.24	SE	2022-12-19	10:53:40	1,000	28.19	SE
2022-12-19	9:20:59	1,200	28.28	SE	2022-12-19	11:01:21	1,300	28.16	SE
2022-12-19	9:22:00	473	28.26	SE	2022-12-19	11:02:26	1,662	28.14	SE
2022-12-19	9:23:44	284	28.24	SE	2022-12-19	11:14:24	1,000	28.18	SE
2022-12-19	9:24:44	732	28.25	SE	2022-12-19	11:14:24	1,000	28.18	SE
2022-12-19	9:25:00	1,000	28.25	SE	2022-12-19	11:16:09	960	28.18	SE
2022-12-19	9:35:11	621	28.20	SE	2022-12-19	11:24:08	702	28.22	SE
2022-12-19	9:35:11	1,000	28.21	SE	2022-12-19	11:26:46	367	28.21	SE
2022-12-19	9:35:11	1,000	28.21	SE	2022-12-19	11:30:55	1,662	28.22	SE
2022-12-19	9:35:13	541	28.19	SE	2022-12-19	11:30:55	1,000	28.22	SE
2022-12-19	9:35:16	1,000	28.20	SE	2022-12-19	11:31:39	1,000	28.22	SE
2022-12-19	9:35:16	905	28.20	SE	2022-12-19	11:39:15	363	28.20	SE
2022-12-19	9:36:55	1,662	28.17	SE	2022-12-19	11:47:30	627	28.17	SE
2022-12-19	9:36:55	1,000	28.17	SE	2022-12-19	11:47:30	1,000	28.17	SE
2022-12-19	9:37:14	400	28.17	SE	2022-12-19	12:04:09	1,400	28.16	SE

2022-12-19	12:04:09	1,000	28.16	SE	2022-12-19	15:17:00	1,000	28.14	SE
2022-12-19	12:04:41	353	28.15	SE	2022-12-19	15:17:00	1,662	28.14	SE
2022-12-19	12:20:40	1,662	28.17	SE	2022-12-19	15:17:00	1,000	28.14	SE
2022-12-19	12:20:40	1,000	28.17	SE	2022-12-19	15:17:00	1,662	28.13	SE
2022-12-19	12:37:11	1,000	28.12	SE	2022-12-19	15:33:40	504	28.22	SE
2022-12-19	12:37:24	479	28.12	SE	2022-12-19	15:34:05	519	28.23	SE
2022-12-19	12:37:24	1,000	28.12	SE	2022-12-19	15:34:16	511	28.23	SE
2022-12-19	12:38:03	1,000	28.12	SE	2022-12-19	15:34:21	518	28.22	SE
2022-12-19	12:38:21	377	28.12	SE	2022-12-19	15:35:02	1,000	28.24	SE
2022-12-19	12:38:23	1,585	28.12	SE	2022-12-19	15:35:14	491	28.25	SE
2022-12-19	12:38:23	1,000	28.12	SE	2022-12-19	15:45:06	787	28.24	SE
2022-12-19	12:40:45	815	28.11	SE	2022-12-19	15:51:02	1,624	28.22	SE
2022-12-19	12:42:34	1,000	28.13	SE	2022-12-19	15:51:02	1,000	28.22	SE
2022-12-19	12:42:34	1,000	28.13	SE	2022-12-19	15:51:02	1,000	28.22	SE
2022-12-19	12:42:34	1,662	28.13	SE	2022-12-19	16:27:28	970	28.25	SE
2022-12-19	12:59:06	611	28.12	SE	2022-12-19	16:31:40	932	28.25	SE
2022-12-19	12:59:10	1,000	28.13	SE	2022-12-19	16:36:29	1,662	28.27	SE
2022-12-19	12:59:10	1,000	28.13	SE	2022-12-19	16:36:29	1,000	28.27	SE
2022-12-19	13:04:50	320	28.13	SE	2022-12-19	16:36:29	436	28.27	SE
2022-12-19	13:04:50	1,000	28.13	SE	2022-12-20	9:02:58	1,000	27.95	SE
2022-12-19	13:22:21	1,100	28.16	SE	2022-12-20	9:02:59	1,000	27.95	SE
2022-12-19	13:22:21	482	28.16	SE	2022-12-20	9:03:03	1,000	27.94	SE
2022-12-19	13:22:21	1,000	28.16	SE	2022-12-20	9:07:12	1,000	27.91	SE
2022-12-19	13:27:43	573	28.16	SE	2022-12-20	9:07:12	1,000	27.91	SE
2022-12-19	13:28:07	1,000	28.15	SE	2022-12-20	9:07:17	1,000	27.91	SE
2022-12-19	13:40:29	1,000	28.16	SE	2022-12-20	9:07:17	1,000	27.91	SE
2022-12-19	13:40:29	573	28.16	SE	2022-12-20	9:08:26	1,000	27.91	SE
2022-12-19	13:57:01	8	28.15	SE	2022-12-20	9:08:26	1,000	27.91	SE
2022-12-19	13:57:04	1,032	28.16	SE	2022-12-20	9:15:25	47	27.95	SE
2022-12-19	13:57:04	1,000	28.16	SE	2022-12-20	9:15:27	1,614	27.96	SE
2022-12-19	14:05:45	371	28.16	SE	2022-12-20	9:15:27	1,000	27.96	SE
2022-12-19	14:05:45	1,000	28.16	SE	2022-12-20	9:15:29	1,000	27.97	SE
2022-12-19	14:12:58	399	28.13	SE	2022-12-20	9:16:19	550	27.96	SE
2022-12-19	14:12:58	430	28.13	SE	2022-12-20	9:16:19	1,614	27.96	SE
2022-12-19	14:22:23	576	28.13	SE	2022-12-20	9:18:25	1,000	27.91	SE
2022-12-19	14:22:39	1,000	28.13	SE	2022-12-20	9:18:26	1,614	27.92	SE
2022-12-19	14:22:39	1,000	28.13	SE	2022-12-20	9:18:26	1,000	27.92	SE
2022-12-19	14:22:39	424	28.13	SE	2022-12-20	9:18:32	635	27.91	SE
2022-12-19	14:39:20	523	28.09	SE	2022-12-20	9:18:37	492	27.91	SE
2022-12-19	14:39:36	1,000	28.11	SE	2022-12-20	9:19:15	264	27.89	SE
2022-12-19	14:39:48	1,662	28.11	SE	2022-12-20	9:19:16	42	27.89	SE
2022-12-19	14:39:48	1,000	28.11	SE	2022-12-20	9:19:16	105	27.89	SE
2022-12-19	14:56:24	425	28.10	SE	2022-12-20	9:19:16	7	27.89	SE
2022-12-19	14:56:44	550	28.10	SE	2022-12-20	9:19:16	17	27.89	SE
2022-12-19	14:58:15	125	28.11	SE	2022-12-20	9:19:20	500	27.88	SE
2022-12-19	14:58:15	1,000	28.11	SE	2022-12-20	9:20:38	99	27.86	SE
2022-12-19	14:58:16	479	28.11	SE	2022-12-20	9:20:38	95	27.86	SE
2022-12-19	15:07:26	1,831	28.12	SE	2022-12-20	9:20:52	1,000	27.88	SE
2022-12-19	15:17:00	1,662	28.14	SE	2022-12-20	9:20:55	1,136	27.89	SE

2022-12-20	9:20:55	1,000	27.89	SE	2022-12-20	13:53:41	290	28.03	SE
2022-12-20	9:21:01	2	27.88	SE	2022-12-20	13:54:15	792	28.04	SE
2022-12-20	9:21:29	934	27.89	SE	2022-12-20	13:54:59	1,000	28.04	SE
2022-12-20	9:22:30	492	27.89	SE	2022-12-20	14:05:12	373	28.04	SE
2022-12-20	9:22:34	1,737	27.90	SE	2022-12-20	14:10:06	436	28.05	SE
2022-12-20	9:26:01	1,000	27.86	SE	2022-12-20	14:10:06	68	28.05	SE
2022-12-20	9:26:01	1,000	27.86	SE	2022-12-20	14:10:06	1,000	28.05	SE
2022-12-20	9:26:02	1,160	27.85	SE	2022-12-20	14:11:21	802	28.05	SE
2022-12-20	9:31:27	1,300	27.87	SE	2022-12-20	14:11:21	1,000	28.05	SE
2022-12-20	9:31:27	1,000	27.87	SE	2022-12-20	14:34:14	529	28.05	SE
2022-12-20	9:36:39	1,000	27.90	SE	2022-12-20	14:34:14	1,000	28.05	SE
2022-12-20	9:36:43	1,614	27.90	SE	2022-12-20	14:49:26	173	28.03	SE
2022-12-20	9:40:47	671	27.87	SE	2022-12-20	14:49:34	523	28.04	SE
2022-12-20	9:40:47	1,000	27.87	SE	2022-12-20	14:49:34	1,000	28.04	SE
2022-12-20	9:49:54	615	27.93	SE	2022-12-20	14:51:43	1,000	28.05	SE
2022-12-20	9:55:22	701	27.99	SE	2022-12-20	14:51:43	1,000	28.05	SE
2022-12-20	9:55:22	1,000	27.99	SE	2022-12-20	15:03:39	1,000	28.01	SE
2022-12-20	10:44:07	1,000	28.00	SE	2022-12-20	15:03:39	433	28.01	SE
2022-12-20	10:44:07	576	28.00	SE	2022-12-20	15:03:42	1,614	28.02	SE
2022-12-20	10:47:04	615	28.00	SE	2022-12-20	15:16:24	1,000	28.03	SE
2022-12-20	10:47:13	1,614	28.00	SE	2022-12-20	15:16:24	1,000	28.03	SE
2022-12-20	10:48:59	111	27.99	SE	2022-12-20	15:16:26	1,614	28.03	SE
2022-12-20	10:48:59	1,000	27.99	SE	2022-12-20	15:16:26	1,000	28.03	SE
2022-12-20	10:49:00	8	27.99	SE	2022-12-20	15:16:27	1,614	28.04	SE
2022-12-20	10:49:04	1,000	27.99	SE	2022-12-20	15:16:27	1,000	28.04	SE
2022-12-20	10:55:07	1,595	27.96	SE	2022-12-20	15:23:45	1,000	28.02	SE
2022-12-20	10:55:07	1,000	27.97	SE	2022-12-20	15:23:45	1,000	28.02	SE
2022-12-20	10:55:07	1,000	27.97	SE	2022-12-20	15:23:50	1,614	28.02	SE
2022-12-20	11:24:52	821	27.99	SE	2022-12-20	15:23:50	1,000	28.02	SE
2022-12-20	11:36:13	402	27.96	SE	2022-12-20	15:30:47	1,090	28.01	SE
2022-12-20	11:36:14	363	27.96	SE	2022-12-20	15:30:47	1,000	28.01	SE
2022-12-20	11:36:16	1,000	27.96	SE	2022-12-20	15:33:42	1,000	28.03	SE
2022-12-20	11:36:16	357	27.96	SE	2022-12-20	15:33:42	1,000	28.03	SE
2022-12-20	11:51:38	1,000	27.98	SE	2022-12-20	15:34:45	1,614	28.01	SE
2022-12-20	11:51:38	821	27.98	SE	2022-12-20	15:37:08	1,000	28.03	SE
2022-12-20	12:06:10	1,000	27.97	SE	2022-12-20	15:37:08	1,000	28.03	SE
2022-12-20	12:06:10	642	27.97	SE	2022-12-20	15:38:16	3,535	28.04	SE
2022-12-20	12:17:24	2,349	27.99	SE	2022-12-20	15:43:19	1,000	28.02	SE
2022-12-20	12:21:18	1,000	28.00	SE	2022-12-20	15:43:19	1,000	28.02	SE
2022-12-20	12:21:18	1,000	28.00	SE	2022-12-20	15:44:20	1,782	28.00	SE
2022-12-20	12:21:18	350	28.00	SE	2022-12-20	15:44:39	1,000	28.01	SE
2022-12-20	12:39:32	83	27.99	SE	2022-12-20	15:44:39	1,000	28.01	SE
2022-12-20	12:39:32	368	27.99	SE	2022-12-20	15:48:08	1,000	27.99	SE
2022-12-20	12:39:32	1,000	27.99	SE	2022-12-20	15:48:08	1,614	27.99	SE
2022-12-20	12:39:33	1,000	27.99	SE	2022-12-20	15:48:08	1,000	27.99	SE
2022-12-20	12:56:07	1,614	28.02	SE	2022-12-20	15:48:08	484	27.99	SE
2022-12-20	13:24:01	1,614	28.06	SE	2022-12-20	15:48:21	602	27.99	SE
2022-12-20	13:53:00	1,000	28.03	SE	2022-12-20	15:48:21	87	27.99	SE
2022-12-20	13:53:25	1,000	28.04	SE	2022-12-20	15:48:21	453	27.99	SE

2022-12-20	15:48:21	354	27.99	SE	2022-12-21	10:47:00	1,588	28.14	SE
2022-12-20	15:48:25	512	27.98	SE	2022-12-21	11:01:27	1,000	28.09	SE
2022-12-20	15:48:25	1,000	27.99	SE	2022-12-21	11:01:27	1,000	28.09	SE
2022-12-20	15:48:45	1,614	27.99	SE	2022-12-21	11:01:29	1,000	28.09	SE
2022-12-20	15:48:45	1,000	27.99	SE	2022-12-21	11:01:30	1,000	28.09	SE
2022-12-20	15:48:45	991	27.98	SE	2022-12-21	11:01:32	1,000	28.09	SE
2022-12-20	15:50:49	1,614	28.00	SE	2022-12-21	11:01:32	1,000	28.09	SE
2022-12-20	15:50:49	1,000	28.00	SE	2022-12-21	11:02:09	1,000	28.09	SE
2022-12-20	15:53:40	1,005	28.01	SE	2022-12-21	11:02:09	1,000	28.09	SE
2022-12-20	15:55:34	1,614	28.03	SE	2022-12-21	11:06:02	438	28.10	SE
2022-12-20	15:55:34	1,000	28.03	SE	2022-12-21	11:06:02	1,000	28.10	SE
2022-12-20	15:56:08	1,000	28.03	SE	2022-12-21	11:06:20	1,000	28.10	SE
2022-12-20	15:58:36	1,005	28.03	SE	2022-12-21	11:06:20	1,000	28.10	SE
2022-12-20	15:58:54	492	28.04	SE	2022-12-21	11:07:40	5,000	28.07	SE
2022-12-20	15:58:57	303	28.05	SE	2022-12-21	11:15:24	231	28.06	SE
2022-12-21	9:05:21	5,000	28.07	SE	2022-12-21	11:15:24	1,588	28.06	SE
2022-12-21	9:15:03	394	28.00	SE	2022-12-21	11:15:24	1,000	28.06	SE
2022-12-21	9:17:18	1,588	27.98	SE	2022-12-21	11:15:25	371	28.05	SE
2022-12-21	9:17:21	212	27.97	SE	2022-12-21	11:15:25	890	28.05	SE
2022-12-21	9:17:23	1,588	27.97	SE	2022-12-21	11:15:32	348	28.05	SE
2022-12-21	9:17:34	1,588	27.97	SE	2022-12-21	11:52:03	1,000	28.03	SE
2022-12-21	9:17:39	117	27.97	SE	2022-12-21	11:56:14	674	28.05	SE
2022-12-21	9:17:42	1,588	27.98	SE	2022-12-21	11:56:15	365	28.05	SE
2022-12-21	9:18:18	210	27.99	SE	2022-12-21	11:56:15	1,000	28.05	SE
2022-12-21	9:18:24	688	27.99	SE	2022-12-21	12:11:26	1,588	28.08	SE
2022-12-21	9:18:26	488	27.99	SE	2022-12-21	12:11:26	1,000	28.08	SE
2022-12-21	9:18:31	218	27.99	SE	2022-12-21	12:11:26	349	28.08	SE
2022-12-21	9:18:39	100	28.00	SE	2022-12-21	12:12:39	843	28.09	SE
2022-12-21	9:19:58	1,588	28.01	SE	2022-12-21	12:12:41	1,000	28.10	SE
2022-12-21	9:20:11	500	28.01	SE	2022-12-21	12:12:41	1,000	28.10	SE
2022-12-21	9:20:14	268	28.01	SE	2022-12-21	12:12:48	1,000	28.09	SE
2022-12-21	9:20:25	460	28.02	SE	2022-12-21	12:12:48	1,000	28.09	SE
2022-12-21	9:20:38	850	28.00	SE	2022-12-21	12:26:55	1,588	28.09	SE
2022-12-21	9:20:45	683	28.00	SE	2022-12-21	12:26:55	1,000	28.09	SE
2022-12-21	9:31:00	540	28.01	SE	2022-12-21	12:40:44	674	28.09	SE
2022-12-21	9:31:02	1,588	28.01	SE	2022-12-21	12:41:46	1,000	28.10	SE
2022-12-21	9:42:51	1,588	28.06	SE	2022-12-21	12:41:46	1,000	28.10	SE
2022-12-21	9:43:24	303	28.06	SE	2022-12-21	12:56:02	1,000	28.11	SE
2022-12-21	9:43:32	1,588	28.07	SE	2022-12-21	12:56:02	1,000	28.11	SE
2022-12-21	9:50:39	1,588	28.10	SE	2022-12-21	13:04:11	5,000	28.11	SE
2022-12-21	10:06:30	718	28.13	SE	2022-12-21	13:20:52	1,000	28.11	SE
2022-12-21	10:18:50	705	28.19	SE	2022-12-21	13:20:52	1,588	28.11	SE
2022-12-21	10:18:54	1,100	28.19	SE	2022-12-21	13:20:52	1,000	28.11	SE
2022-12-21	10:19:19	1,200	28.19	SE	2022-12-21	13:34:59	17	28.12	SE
2022-12-21	10:19:32	704	28.19	SE	2022-12-21	13:35:33	1,588	28.13	SE
2022-12-21	10:32:38	550	28.16	SE	2022-12-21	13:35:33	1,000	28.13	SE
2022-12-21	10:32:40	1,588	28.16	SE	2022-12-21	13:35:33	1,000	28.13	SE
2022-12-21	10:46:46	247	28.13	SE	2022-12-21	14:03:41	1,000	28.19	SE
2022-12-21	10:46:59	1,000	28.14	SE	2022-12-21	14:03:41	1,399	28.19	SE

2022-12-21	14:12:47	1,000	28.17	SE
2022-12-21	14:14:24	3,535	28.18	SE
2022-12-21	14:32:20	550	28.18	SE
2022-12-21	14:32:20	1,000	28.18	SE
2022-12-21	14:37:11	1,035	28.17	SE
2022-12-21	14:46:27	1,588	28.17	SE
2022-12-21	14:46:27	1,000	28.17	SE
2022-12-21	14:46:27	412	28.17	SE
2022-12-21	15:00:32	1,000	28.17	SE
2022-12-21	15:00:32	1,000	28.17	SE
2022-12-21	15:01:49	1,520	28.17	SE
2022-12-21	15:07:59	1,000	28.15	SE
2022-12-21	15:07:59	1,000	28.15	SE
2022-12-21	15:23:42	556	28.11	SE
2022-12-21	15:36:25	1,000	28.16	SE
2022-12-21	15:36:25	1,000	28.16	SE
2022-12-21	15:41:40	1,000	28.18	SE
2022-12-21	15:41:40	1,500	28.18	SE
2022-12-21	15:44:05	648	28.17	SE
2022-12-21	15:44:33	1,000	28.19	SE
2022-12-21	15:44:33	1,000	28.19	SE
2022-12-21	15:53:08	671	28.16	SE
2022-12-21	15:53:11	1,000	28.16	SE
2022-12-21	15:57:39	1,000	28.14	SE
2022-12-21	15:57:39	1,000	28.14	SE
2022-12-21	15:57:41	1,000	28.14	SE
2022-12-21	15:57:41	1,000	28.14	SE
2022-12-21	15:58:06	1,588	28.15	SE
2022-12-21	15:58:06	1,000	28.15	SE
2022-12-21	16:00:01	377	28.12	SE
2022-12-21	16:00:07	2,136	28.14	SE
2022-12-21	16:02:56	88	28.18	SE
2022-12-21	16:03:02	1,000	28.18	SE
2022-12-21	16:03:02	1,588	28.18	SE
2022-12-21	16:18:13	1,000	28.15	SE
2022-12-21	16:25:07	235	28.18	SE
2022-12-21	16:25:07	1,588	28.18	SE
2022-12-21	16:25:07	1,000	28.18	SE
2022-12-21	16:25:07	1,536	28.17	SE
2022-12-21	16:38:06	1,588	28.23	SE
2022-12-21	16:38:06	1,000	28.23	SE
2022-12-21	16:38:18	1,000	28.23	SE
2022-12-21	16:38:18	1,000	28.23	SE
2022-12-21	16:38:19	1,588	28.22	SE
2022-12-21	16:38:21	1,000	28.23	SE
2022-12-21	16:38:21	1,000	28.23	SE
2022-12-21	16:38:22	411	28.23	SE
2022-12-21	16:38:22	1,000	28.23	SE