

## PRESS RELEASE

### Report on the purchase of treasury shares

Buzzi Unicem SpA announces that during the period from October 15, 2018 through October 19, 2018 it acquired no. 1,116,000 ordinary treasury shares for a total consideration of 18,899,938.30 Euro, as authorized by the Ordinary General Meeting on May 10, 2018.

Details of the daily transactions on the *Mercato Telematico Azionario* are as follows:

Date	Number of ordinary shares purchased	Average price (Euro)	Consideration (Euro)
10/15/2018	163,000	17.6248	2,872,842.40
10/16/2018	215,000	17.4673	3,755,469.50
10/17/2018	234,000	17.5627	4,109,671.80
10/18/2018	245,000	16.3789	4,012,830.50
10/19/2018	259,000	16.0199	4,149,154.10
<b>Total</b>	<b>1,116,000</b>	<b>16.9355</b>	<b>18,899,968.30</b>

Attached to this press release is a daily recap of the purchase transactions carried out during the reference period.

Following the above purchases, the Company holds no. 3,085,000 ordinary shares and no. 29,290 saving shares as of October 19, 2018, equal to 1.51% of the issued share capital.

Casale Monferrato, October 22, 2018

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Date	Time	Quantity	Price	Amount
10/15/2018	09.23.53	150	17.7850	2,667.75
10/15/2018	09.25.59	240	17.8000	4,272.00
10/15/2018	09.25.59	399	17.8000	7,102.20
10/15/2018	09.25.59	1,361	17.8000	24,225.80
10/15/2018	09.26.49	1,393	17.7900	24,781.47
10/15/2018	09.26.49	300	17.7900	5,337.00
10/15/2018	09.26.49	264	17.7900	4,696.56
10/15/2018	09.26.49	43	17.7900	764.97
10/15/2018	09.30.24	232	17.8000	4,129.60
10/15/2018	09.30.24	529	17.8000	9,416.20
10/15/2018	09.30.24	1,239	17.8000	22,054.20
10/15/2018	09.31.06	146	17.7850	2,596.61
10/15/2018	09.31.06	110	17.7850	1,956.35
10/15/2018	09.32.46	1,594	17.7850	28,349.29
10/15/2018	09.32.48	153	17.7700	2,718.81
10/15/2018	09.36.37	2,723	17.7700	48,387.71
10/15/2018	09.36.38	124	17.7700	2,203.48
10/15/2018	09.56.41	2,179	17.8500	38,895.15
10/15/2018	09.56.41	300	17.8500	5,355.00
10/15/2018	09.56.41	521	17.8500	9,299.85
10/15/2018	09.56.41	2,000	17.8500	35,700.00
10/15/2018	09.57.17	2,769	17.8300	49,371.27
10/15/2018	09.57.17	231	17.8300	4,118.73
10/15/2018	09.57.44	1,001	17.8250	17,842.83
10/15/2018	09.57.44	796	17.8250	14,188.70
10/15/2018	09.57.44	301	17.8250	5,365.33
10/15/2018	09.57.44	198	17.8250	3,529.35
10/15/2018	09.57.44	704	17.8250	12,548.80
10/15/2018	10.01.12	2,741	17.8100	48,817.21
10/15/2018	10.01.12	1,470	17.8100	26,180.70
10/15/2018	10.01.12	600	17.8100	10,686.00
10/15/2018	10.01.12	150	17.8100	2,671.50
10/15/2018	10.01.12	39	17.8100	694.59
10/15/2018	10.01.17	628	17.8000	11,178.40
10/15/2018	10.01.17	2,372	17.8000	42,221.60
10/15/2018	10.02.04	172	17.7650	3,055.58
10/15/2018	10.02.20	114	17.7650	2,025.21
10/15/2018	10.02.20	2,714	17.7650	48,214.21
10/15/2018	10.08.07	1,000	17.7400	17,740.00
10/15/2018	10.08.07	500	17.7400	8,870.00
10/15/2018	10.09.49	1,311	17.7200	23,230.92
10/15/2018	10.09.49	148	17.7200	2,622.56
10/15/2018	10.09.49	541	17.7200	9,586.52
10/15/2018	10.10.12	1,500	17.7150	26,572.50
10/15/2018	10.10.12	500	17.7150	8,857.50
10/15/2018	10.13.12	2,100	17.7000	37,170.00

Date	Time	Quantity	Price	Amount
10/15/2018	10.13.12	300	17.7000	5,310.00
10/15/2018	10.13.12	600	17.7000	10,620.00
10/15/2018	10.15.11	4	17.6500	70.60
10/15/2018	10.15.50	1,996	17.6500	35,229.40
10/15/2018	10.19.23	2,000	17.6000	35,200.00
10/15/2018	10.20.12	733	17.5800	12,886.14
10/15/2018	10.20.12	500	17.5800	8,790.00
10/15/2018	10.20.12	767	17.5800	13,483.86
10/15/2018	10.20.56	181	17.5600	3,178.36
10/15/2018	10.20.56	84	17.5600	1,475.04
10/15/2018	10.20.58	14	17.5600	245.84
10/15/2018	10.21.15	1,721	17.5600	30,220.76
10/15/2018	10.21.28	769	17.5500	13,495.95
10/15/2018	10.21.28	1,231	17.5500	21,604.05
10/15/2018	10.28.37	105	17.5700	1,844.85
10/15/2018	10.28.37	6	17.5700	105.42
10/15/2018	10.29.18	182	17.5700	3,197.74
10/15/2018	10.29.18	1,707	17.5700	29,991.99
10/15/2018	10.31.33	869	17.5500	15,250.95
10/15/2018	10.31.33	250	17.5500	4,387.50
10/15/2018	10.31.33	281	17.5500	4,931.55
10/15/2018	10.31.33	600	17.5500	10,530.00
10/15/2018	10.40.07	639	17.5400	11,208.06
10/15/2018	10.40.07	1,361	17.5400	23,871.94
10/15/2018	10.41.09	5	17.5400	87.70
10/15/2018	10.41.09	7	17.5400	122.78
10/15/2018	10.41.09	406	17.5400	7,121.24
10/15/2018	10.41.09	199	17.5400	3,490.46
10/15/2018	10.41.09	13	17.5400	228.02
10/15/2018	10.41.18	1,370	17.5400	24,029.80
10/15/2018	10.48.37	819	17.5500	14,373.45
10/15/2018	10.48.37	789	17.5500	13,846.95
10/15/2018	10.48.37	392	17.5500	6,879.60
10/15/2018	10.56.45	2,252	17.5000	39,410.00
10/15/2018	10.56.45	250	17.5000	4,375.00
10/15/2018	10.56.45	149	17.5000	2,607.50
10/15/2018	10.56.45	249	17.5000	4,357.50
10/15/2018	10.56.45	2,000	17.5000	35,000.00
10/15/2018	10.56.45	100	17.5000	1,750.00
10/15/2018	10.58.43	309	17.5000	5,407.50
10/15/2018	10.58.43	20	17.5000	350.00
10/15/2018	10.58.43	300	17.5000	5,250.00
10/15/2018	10.58.43	335	17.5000	5,862.50
10/15/2018	10.58.43	374	17.5000	6,545.00
10/15/2018	10.58.43	176	17.5000	3,080.00
10/15/2018	10.58.43	486	17.5000	8,505.00

Date	Time	Quantity	Price	Amount
10/15/2018	11.01.18	100	17.4500	1,745.00
10/15/2018	11.01.18	1,900	17.4500	33,155.00
10/15/2018	11.19.22	1,753	17.4800	30,642.44
10/15/2018	11.19.22	247	17.4800	4,317.56
10/15/2018	11.25.06	2,000	17.5300	35,060.00
10/15/2018	11.29.18	527	17.5400	9,243.58
10/15/2018	11.29.18	1,200	17.5400	21,048.00
10/15/2018	11.29.18	155	17.5400	2,718.70
10/15/2018	11.29.18	118	17.5400	2,069.72
10/15/2018	11.37.25	1,697	17.5100	29,714.47
10/15/2018	11.37.25	303	17.5100	5,305.53
10/15/2018	11.54.20	1,192	17.6100	20,991.12
10/15/2018	11.54.20	177	17.6100	3,116.97
10/15/2018	11.54.20	461	17.6100	8,118.21
10/15/2018	11.54.20	124	17.6100	2,183.64
10/15/2018	11.54.20	46	17.6100	810.06
10/15/2018	11.57.00	2,000	17.6150	35,230.00
10/15/2018	12.02.14	499	17.6400	8,802.36
10/15/2018	12.02.14	463	17.6400	8,167.32
10/15/2018	12.02.39	568	17.6500	10,025.20
10/15/2018	12.02.39	432	17.6500	7,624.80
10/15/2018	12.03.36	1,000	17.6500	17,650.00
10/15/2018	12.03.36	2,000	17.6650	35,330.00
10/15/2018	12.03.36	2,000	17.6600	35,320.00
10/15/2018	12.03.36	500	17.6700	8,835.00
10/15/2018	12.05.46	639	17.6400	11,271.96
10/15/2018	12.05.46	38	17.6400	670.32
10/15/2018	12.05.49	361	17.6400	6,368.04
10/15/2018	12.07.17	333	17.6250	5,869.13
10/15/2018	12.07.20	667	17.6250	11,755.88
10/15/2018	12.08.53	333	17.6200	5,867.46
10/15/2018	12.09.07	667	17.6200	11,752.54
10/15/2018	12.09.16	295	17.6150	5,196.43
10/15/2018	12.09.46	705	17.6150	12,418.58
10/15/2018	12.11.33	455	17.5750	7,996.63
10/15/2018	12.11.47	1,545	17.5750	27,153.38
10/15/2018	12.16.07	1,000	17.6100	17,610.00
10/15/2018	12.16.27	299	17.6000	5,262.40
10/15/2018	12.16.27	125	17.6000	2,200.00
10/15/2018	12.16.27	124	17.6000	2,182.40
10/15/2018	12.16.27	452	17.6000	7,955.20
10/15/2018	12.23.18	1,860	17.6100	32,754.60
10/15/2018	12.23.18	140	17.6100	2,465.40
10/15/2018	12.27.53	2,000	17.6000	35,200.00
10/15/2018	12.28.24	2	17.5850	35.17
10/15/2018	12.29.03	405	17.5850	7,121.93

Date	Time	Quantity	Price	Amount
10/15/2018	12.29.03	4	17.5850	70.34
10/15/2018	12.30.05	2,000	17.5800	35,160.00
10/15/2018	12.30.05	1,589	17.5850	27,942.57
10/15/2018	12.30.18	10	17.5600	175.60
10/15/2018	12.30.55	285	17.5600	5,004.60
10/15/2018	12.31.05	26	17.5600	456.56
10/15/2018	12.32.03	2,000	17.5550	35,110.00
10/15/2018	12.32.03	1,679	17.5600	29,483.24
10/15/2018	12.33.52	209	17.5500	3,667.95
10/15/2018	12.33.52	424	17.5500	7,441.20
10/15/2018	12.33.52	569	17.5500	9,985.95
10/15/2018	12.33.52	100	17.5500	1,755.00
10/15/2018	12.33.52	284	17.5500	4,984.20
10/15/2018	12.36.05	414	17.5500	7,265.70
10/15/2018	13.31.01	306	17.6000	5,385.60
10/15/2018	13.32.40	106	17.6000	1,865.60
10/15/2018	13.32.40	261	17.6000	4,593.60
10/15/2018	13.33.30	1,327	17.6000	23,355.20
10/15/2018	13.56.49	481	17.5950	8,463.20
10/15/2018	13.56.49	121	17.5950	2,129.00
10/15/2018	13.56.49	51	17.5950	897.35
10/15/2018	13.56.49	694	17.5950	12,210.93
10/15/2018	13.56.49	653	17.5950	11,489.54
10/15/2018	14.04.08	2,000	17.5800	35,160.00
10/15/2018	14.05.10	1,502	17.5850	26,412.67
10/15/2018	14.05.10	124	17.5850	2,180.54
10/15/2018	14.05.10	250	17.5850	4,396.25
10/15/2018	14.08.21	124	17.5850	2,180.54
10/15/2018	14.45.22	1,704	17.5700	29,939.28
10/15/2018	14.45.22	296	17.5700	5,200.72
10/15/2018	15.04.53	268	17.5600	4,706.08
10/15/2018	15.05.59	284	17.5600	4,987.04
10/15/2018	15.06.40	233	17.5600	4,091.48
10/15/2018	15.06.40	125	17.5600	2,195.00
10/15/2018	15.06.40	649	17.5600	11,396.44
10/15/2018	15.06.40	124	17.5600	2,177.44
10/15/2018	15.06.40	22	17.5600	386.32
10/15/2018	15.06.40	295	17.5600	5,180.20
10/15/2018	15.15.54	140	17.5400	2,455.60
10/15/2018	15.15.54	1,860	17.5400	32,624.40
10/15/2018	15.19.04	285	17.5150	4,991.78
10/15/2018	15.20.21	285	17.5150	4,991.78
10/15/2018	15.21.04	285	17.5150	4,991.78
10/15/2018	15.22.21	674	17.5150	11,805.11
10/15/2018	15.22.21	471	17.5150	8,249.57
10/15/2018	15.54.22	1,000	17.5750	17,575.00

Date	Time	Quantity	Price	Amount
10/15/2018	15.54.48	813	17.5750	14,288.48
10/15/2018	15.54.48	116	17.5750	2,038.70
10/15/2018	15.54.48	125	17.5750	2,196.88
10/15/2018	15.54.48	124	17.5750	2,179.30
10/15/2018	15.54.48	492	17.5750	8,646.90
10/15/2018	15.54.48	330	17.5750	5,799.75
10/15/2018	16.05.51	399	17.5600	7,006.44
10/15/2018	16.05.51	800	17.5600	14,048.00
10/15/2018	16.05.51	801	17.5600	14,065.56
10/15/2018	16.10.26	1,000	17.5500	17,550.00
10/15/2018	16.15.28	1,000	17.5500	17,550.00
10/15/2018	16.27.35	290	17.5400	5,086.60
10/15/2018	16.27.35	218	17.5400	3,823.72
10/15/2018	16.27.35	300	17.5400	5,262.00
10/15/2018	16.27.35	700	17.5400	12,278.00
10/15/2018	16.27.35	78	17.5400	1,368.12
10/15/2018	16.27.35	107	17.5400	1,876.78
10/15/2018	16.27.36	246	17.5400	4,314.84
10/15/2018	16.28.14	61	17.5400	1,069.94
10/15/2018	16.43.06	3,000	17.5800	52,740.00
10/15/2018	16.45.09	1,000	17.5550	17,555.00
10/15/2018	16.46.04	436	17.5550	7,653.98
10/15/2018	16.46.04	692	17.5550	12,148.06
10/15/2018	16.46.04	125	17.5550	2,194.38
10/15/2018	16.46.04	147	17.5550	2,580.59
10/15/2018	16.46.04	600	17.5550	10,533.00
10/15/2018	16.47.01	865	17.5550	15,185.08
10/15/2018	16.47.01	1,000	17.5550	17,555.00
10/15/2018	16.47.01	135	17.5550	2,369.93
10/15/2018	16.47.13	1,072	17.5550	18,818.96
10/15/2018	16.47.13	700	17.5550	12,288.50
10/15/2018	16.47.13	146	17.5550	2,563.03
10/15/2018	16.47.13	82	17.5550	1,439.51
10/15/2018	16.48.07	6	17.5550	105.33
10/15/2018	16.48.10	747	17.5550	13,113.59
10/15/2018	16.48.20	500	17.5550	8,777.50
10/15/2018	16.48.20	125	17.5550	2,194.38
10/15/2018	16.48.20	374	17.5550	6,565.57
10/15/2018	16.48.27	248	17.5550	4,353.64
10/15/2018	16.51.45	124	17.5550	2,176.82
10/15/2018	16.51.45	470	17.5550	8,250.85
10/15/2018	16.51.48	1,406	17.5550	24,682.33
10/15/2018	16.57.35	237	17.5750	4,165.28
10/15/2018	16.59.17	1,186	17.5750	20,843.95
10/15/2018	16.59.17	124	17.5750	2,179.30
10/15/2018	16.59.17	374	17.5750	6,573.05

Date	Time	Quantity	Price	Amount
10/15/2018	16.59.17	79	17.5750	1,388.43
10/15/2018	17.06.56	3	17.6000	52.80
10/15/2018	17.06.56	497	17.6000	8,747.20
10/15/2018	17.06.56	1,000	17.6000	17,600.00
10/15/2018	17.06.56	500	17.6000	8,800.00
10/15/2018	17.10.16	95	17.5750	1,669.63
10/15/2018	17.10.16	1,905	17.5750	33,480.38
10/15/2018	17.11.37	64	17.5700	1,124.48
10/15/2018	17.11.38	494	17.5700	8,679.58
10/15/2018	17.11.38	300	17.5700	5,271.00
10/15/2018	17.11.38	142	17.5700	2,494.94
10/15/2018	17.12.51	337	17.5750	5,922.78
10/15/2018	17.13.01	492	17.5750	8,646.90
10/15/2018	17.18.19	336	17.5750	5,905.20
10/15/2018	17.18.23	835	17.5750	14,675.13
10/15/2018	17.18.25	134	17.5700	2,354.38
10/15/2018	17.18.46	866	17.5700	15,215.62
10/15/2018	17.23.26	232	17.5850	4,079.72
10/15/2018	17.25.10	705	17.5850	12,397.43
10/15/2018	17.25.10	1,063	17.5850	18,692.86
10/16/2018	09.02.29	358	17.4250	6,238.15
10/16/2018	09.02.29	381	17.4250	6,638.93
10/16/2018	09.02.29	142	17.4250	2,474.35
10/16/2018	09.02.29	278	17.4250	4,844.15
10/16/2018	09.02.29	1,147	17.4250	19,986.48
10/16/2018	09.02.29	694	17.4250	12,092.95
10/16/2018	09.02.29	822	17.4000	14,302.80
10/16/2018	09.02.29	2,000	17.4300	34,860.00
10/16/2018	09.02.29	1,178	17.4000	20,497.20
10/16/2018	09.02.34	3,000	17.3800	52,140.00
10/16/2018	09.02.42	183	17.3500	3,175.05
10/16/2018	09.02.43	796	17.3500	13,810.60
10/16/2018	09.02.43	2,021	17.3500	35,064.35
10/16/2018	09.03.05	119	17.3350	2,062.87
10/16/2018	09.03.05	576	17.3350	9,984.96
10/16/2018	09.03.05	805	17.3350	13,954.68
10/16/2018	09.03.05	500	17.3350	8,667.50
10/16/2018	09.05.59	1,616	17.3000	27,956.80
10/16/2018	09.05.59	384	17.3000	6,643.20
10/16/2018	09.06.12	2,000	17.2500	34,500.00
10/16/2018	09.09.02	1,232	17.2500	21,252.00
10/16/2018	09.09.02	268	17.2700	4,628.36
10/16/2018	09.09.02	1,200	17.2700	20,724.00
10/16/2018	09.09.02	289	17.2700	4,991.03
10/16/2018	09.09.02	243	17.2700	4,196.61
10/16/2018	09.10.36	621	17.2500	10,712.25

Date	Time	Quantity	Price	Amount
10/16/2018	09.10.55	47	17.2500	810.75
10/16/2018	09.10.55	600	17.2500	10,350.00
10/16/2018	09.10.55	1,199	17.2500	20,682.75
10/16/2018	09.10.55	154	17.2500	2,656.50
10/16/2018	09.10.55	147	17.2500	2,535.75
10/16/2018	09.11.09	173	17.2000	2,975.60
10/16/2018	09.31.22	1,855	17.4400	32,351.20
10/16/2018	09.31.22	145	17.4400	2,528.80
10/16/2018	09.34.39	1,957	17.4500	34,149.65
10/16/2018	09.34.39	140	17.4500	2,443.00
10/16/2018	09.34.39	903	17.4500	15,757.35
10/16/2018	09.38.04	1,926	17.4150	33,541.29
10/16/2018	09.38.04	74	17.4150	1,288.71
10/16/2018	09.41.04	287	17.3650	4,983.76
10/16/2018	09.41.04	287	17.3650	4,983.76
10/16/2018	09.50.48	140	17.3700	2,431.80
10/16/2018	09.50.48	608	17.3700	10,560.96
10/16/2018	09.50.48	621	17.3700	10,786.77
10/16/2018	09.50.48	448	17.3700	7,781.76
10/16/2018	09.50.48	1,183	17.3700	20,548.71
10/16/2018	09.51.06	592	17.3650	10,280.08
10/16/2018	09.51.06	228	17.3650	3,959.22
10/16/2018	09.51.25	2,000	17.3700	34,740.00
10/16/2018	09.52.14	3,000	17.3650	52,095.00
10/16/2018	09.52.14	4,091	17.3650	71,040.22
10/16/2018	09.52.14	596	17.3650	10,349.54
10/16/2018	09.52.14	909	17.3650	15,784.79
10/16/2018	09.52.14	10	17.3650	173.65
10/16/2018	09.52.50	2,000	17.3450	34,690.00
10/16/2018	09.53.47	300	17.3100	5,193.00
10/16/2018	09.53.47	415	17.3100	7,183.65
10/16/2018	09.54.41	659	17.3100	11,407.29
10/16/2018	09.54.41	804	17.3100	13,917.24
10/16/2018	09.54.41	427	17.3100	7,391.37
10/16/2018	09.54.41	2	17.3100	34.62
10/16/2018	09.54.41	393	17.3100	6,802.83
10/16/2018	09.56.42	1,370	17.2800	23,673.60
10/16/2018	09.56.42	630	17.2800	10,886.40
10/16/2018	10.10.28	282	17.3250	4,885.65
10/16/2018	10.10.28	987	17.3250	17,099.78
10/16/2018	10.10.28	70	17.3250	1,212.75
10/16/2018	10.10.28	373	17.3250	6,462.23
10/16/2018	10.10.28	288	17.3250	4,989.60
10/16/2018	10.15.07	113	17.2950	1,954.34
10/16/2018	10.45.19	389	17.3550	6,751.10
10/16/2018	10.45.19	212	17.3550	3,679.26



Date	Time	Quantity	Price	Amount
10/16/2018	11.07.52	1,396	17.4900	24,416.04
10/16/2018	11.07.52	604	17.4900	10,563.96
10/16/2018	11.07.52	3,000	17.4900	52,470.00
10/16/2018	11.09.58	32	17.4500	558.40
10/16/2018	11.10.06	526	17.4500	9,178.70
10/16/2018	11.10.06	600	17.4500	10,470.00
10/16/2018	11.10.06	842	17.4500	14,692.90
10/16/2018	11.28.28	310	17.3800	5,387.80
10/16/2018	11.28.28	600	17.3800	10,428.00
10/16/2018	11.28.28	1,091	17.3800	18,961.58
10/16/2018	11.28.28	663	17.3800	11,522.94
10/16/2018	11.28.28	1,336	17.3800	23,219.68
10/16/2018	11.32.05	65	17.3600	1,128.40
10/16/2018	11.32.17	68	17.3600	1,180.48
10/16/2018	11.32.41	592	17.3600	10,277.12
10/16/2018	11.32.41	852	17.3600	14,790.72
10/16/2018	11.32.41	1,354	17.3600	23,505.44
10/16/2018	11.32.41	69	17.3600	1,197.84
10/16/2018	11.32.47	148	17.3550	2,568.54
10/16/2018	11.32.53	62	17.3550	1,076.01
10/16/2018	11.33.03	66	17.3550	1,145.43
10/16/2018	11.33.08	40	17.3550	694.20
10/16/2018	11.33.13	60	17.3550	1,041.30
10/16/2018	11.33.33	920	17.3450	15,957.40
10/16/2018	11.33.33	1,833	17.3450	31,793.39
10/16/2018	11.33.33	247	17.3450	4,284.22
10/16/2018	11.33.33	1,023	17.3550	17,754.17
10/16/2018	11.54.35	808	17.4250	14,079.40
10/16/2018	11.54.35	2,742	17.4300	47,793.06
10/16/2018	11.54.35	258	17.4300	4,496.94
10/16/2018	11.54.35	1,000	17.4250	17,425.00
10/16/2018	11.54.35	1,192	17.4250	20,770.60
10/16/2018	12.05.54	3,000	17.4000	52,200.00
10/16/2018	12.12.20	60	17.3650	1,041.90
10/16/2018	12.14.14	62	17.3650	1,076.63
10/16/2018	12.15.14	82	17.3650	1,423.93
10/16/2018	12.15.24	58	17.3650	1,007.17
10/16/2018	12.15.36	72	17.3650	1,250.28
10/16/2018	12.20.39	483	17.4300	8,418.69
10/16/2018	12.20.39	131	17.4300	2,283.33
10/16/2018	12.20.39	1,104	17.4300	19,242.72
10/16/2018	12.20.39	1,200	17.4300	20,916.00
10/16/2018	12.20.39	82	17.4300	1,429.26
10/16/2018	12.35.36	62	17.4000	1,078.80
10/16/2018	12.49.21	32	17.4000	556.80
10/16/2018	12.49.21	3	17.4050	52.22

Date	Time	Quantity	Price	Amount
10/16/2018	12.49.21	1,762	17.4000	30,658.80
10/16/2018	12.49.21	1,719	17.4050	29,919.20
10/16/2018	12.49.21	1,144	17.4000	19,905.60
10/16/2018	12.49.21	161	17.4050	2,802.21
10/16/2018	12.49.21	1,117	17.4050	19,441.39
10/16/2018	13.01.06	929	17.4200	16,183.18
10/16/2018	13.01.06	128	17.4200	2,229.76
10/16/2018	13.01.06	40	17.4200	696.80
10/16/2018	13.01.06	600	17.4200	10,452.00
10/16/2018	13.01.06	1,457	17.4250	25,388.23
10/16/2018	13.01.06	300	17.4200	5,226.00
10/16/2018	13.01.06	727	17.4250	12,667.98
10/16/2018	13.01.06	1,003	17.4200	17,472.26
10/16/2018	13.01.06	816	17.4250	14,218.80
10/16/2018	13.23.59	2,000	17.4100	34,820.00
10/16/2018	13.30.36	2,000	17.4100	34,820.00
10/16/2018	13.45.42	57	17.4100	992.37
10/16/2018	13.45.42	295	17.4100	5,135.95
10/16/2018	13.49.00	2,590	17.4100	45,091.90
10/16/2018	13.49.00	58	17.4100	1,009.78
10/16/2018	13.51.45	277	17.4000	4,819.80
10/16/2018	13.51.45	300	17.4000	5,220.00
10/16/2018	13.51.45	300	17.4000	5,220.00
10/16/2018	13.51.45	93	17.4000	1,618.20
10/16/2018	13.51.45	71	17.4000	1,235.40
10/16/2018	13.51.56	1,359	17.4000	23,646.60
10/16/2018	13.51.56	300	17.4000	5,220.00
10/16/2018	13.51.56	300	17.4000	5,220.00
10/16/2018	13.53.35	62	17.3800	1,077.56
10/16/2018	13.53.47	58	17.3800	1,008.04
10/16/2018	13.53.55	62	17.3800	1,077.56
10/16/2018	13.55.27	74	17.3800	1,286.12
10/16/2018	14.19.30	424	17.4900	7,415.76
10/16/2018	14.19.30	1,094	17.4900	19,134.06
10/16/2018	14.19.30	683	17.4900	11,945.67
10/16/2018	14.19.30	728	17.4900	12,732.72
10/16/2018	14.19.30	482	17.4900	8,430.18
10/16/2018	14.19.30	300	17.4900	5,247.00
10/16/2018	14.19.30	300	17.4900	5,247.00
10/16/2018	14.19.30	989	17.4900	17,297.61
10/16/2018	14.19.33	4,286	17.4750	74,897.85
10/16/2018	14.19.33	714	17.4750	12,477.15
10/16/2018	14.30.55	39	17.4400	680.16
10/16/2018	14.30.55	249	17.4400	4,342.56
10/16/2018	14.30.55	1,000	17.4400	17,440.00
10/16/2018	14.30.55	212	17.4400	3,697.28

Date	Time	Quantity	Price	Amount
10/16/2018	14.34.18	2,115	17.4200	36,843.30
10/16/2018	14.34.18	885	17.4200	15,416.70
10/16/2018	14.40.26	597	17.4000	10,387.80
10/16/2018	14.40.27	1,595	17.4000	27,753.00
10/16/2018	14.40.27	896	17.4000	15,590.40
10/16/2018	14.40.27	1,912	17.4000	33,268.80
10/16/2018	15.00.10	67	17.4250	1,167.48
10/16/2018	15.00.10	66	17.4250	1,150.05
10/16/2018	15.00.22	515	17.4250	8,973.88
10/16/2018	15.00.22	400	17.4250	6,970.00
10/16/2018	15.00.22	399	17.4250	6,952.58
10/16/2018	15.00.22	299	17.4250	5,210.08
10/16/2018	15.00.22	600	17.4250	10,455.00
10/16/2018	15.00.22	370	17.4250	6,447.25
10/16/2018	15.00.24	284	17.4250	4,948.70
10/16/2018	15.08.10	317	17.4750	5,539.58
10/16/2018	15.08.10	1,000	17.4750	17,475.00
10/16/2018	15.24.18	182	17.5250	3,189.55
10/16/2018	15.24.18	1,000	17.5250	17,525.00
10/16/2018	15.24.18	434	17.5250	7,605.85
10/16/2018	15.30.06	2	17.5550	35.11
10/16/2018	15.30.06	500	17.5550	8,777.50
10/16/2018	15.30.06	1,898	17.5550	33,319.39
10/16/2018	15.30.06	600	17.5550	10,533.00
10/16/2018	15.41.34	949	17.5250	16,631.23
10/16/2018	15.41.46	851	17.5250	14,913.78
10/16/2018	15.41.46	1,584	17.5250	27,759.60
10/16/2018	15.42.12	60	17.5000	1,050.00
10/16/2018	15.42.22	58	17.5000	1,015.00
10/16/2018	15.43.03	1,541	17.5150	26,990.62
10/16/2018	15.43.03	285	17.5150	4,991.78
10/16/2018	15.43.03	1,174	17.5150	20,562.61
10/16/2018	15.46.04	540	17.5000	9,450.00
10/16/2018	15.46.04	521	17.5000	9,117.50
10/16/2018	15.46.04	2,621	17.5000	45,867.50
10/16/2018	15.46.04	149	17.5000	2,607.50
10/16/2018	15.46.04	530	17.5000	9,275.00
10/16/2018	15.46.04	521	17.5000	9,117.50
10/16/2018	15.46.05	4,610	17.4950	80,651.95
10/16/2018	15.46.05	390	17.4950	6,823.05
10/16/2018	16.04.00	2,632	17.5400	46,165.28
10/16/2018	16.04.00	368	17.5400	6,454.72
10/16/2018	16.07.35	154	17.5350	2,700.39
10/16/2018	16.07.35	285	17.5350	4,997.48
10/16/2018	16.07.35	572	17.5350	10,030.02
10/16/2018	16.07.35	521	17.5350	9,135.74

Date	Time	Quantity	Price	Amount
10/16/2018	16.07.35	246	17.5350	4,313.61
10/16/2018	16.07.35	1,000	17.5350	17,535.00
10/16/2018	16.07.35	35	17.5350	613.73
10/16/2018	16.07.35	115	17.5350	2,016.53
10/16/2018	16.07.35	72	17.5350	1,262.52
10/16/2018	16.24.40	100	17.5300	1,753.00
10/16/2018	16.26.56	66	17.5350	1,157.31
10/16/2018	16.27.06	61	17.5350	1,069.64
10/16/2018	16.28.10	83	17.5350	1,455.41
10/16/2018	16.28.22	66	17.5350	1,157.31
10/16/2018	16.29.29	2,149	17.5350	37,682.72
10/16/2018	16.29.29	62	17.5350	1,087.17
10/16/2018	16.29.29	600	17.5350	10,521.00
10/16/2018	16.29.29	1,913	17.5350	33,544.46
10/16/2018	16.33.23	757	17.5300	13,270.21
10/16/2018	16.33.23	1,060	17.5300	18,581.80
10/16/2018	16.33.24	507	17.5300	8,887.71
10/16/2018	16.33.24	1,576	17.5300	27,627.28
10/16/2018	16.43.55	122	17.6200	2,149.64
10/16/2018	16.43.55	1,600	17.6200	28,192.00
10/16/2018	16.44.07	9	17.6200	158.58
10/16/2018	16.46.39	800	17.6500	14,120.00
10/16/2018	16.46.39	138	17.6500	2,435.70
10/16/2018	16.46.39	600	17.6500	10,590.00
10/16/2018	16.46.39	350	17.6500	6,177.50
10/16/2018	16.46.39	289	17.6500	5,100.85
10/16/2018	16.48.21	454	17.6900	8,031.26
10/16/2018	16.48.21	550	17.6900	9,729.50
10/16/2018	16.48.21	193	17.6900	3,414.17
10/16/2018	16.48.21	3,016	17.6900	53,353.04
10/16/2018	16.48.21	787	17.6900	13,922.03
10/16/2018	16.49.44	5,000	17.6900	88,450.00
10/16/2018	16.50.58	1	17.6600	17.66
10/16/2018	16.53.17	673	17.6750	11,895.28
10/16/2018	16.53.17	757	17.6750	13,379.98
10/16/2018	16.53.21	3,456	17.6750	61,084.80
10/16/2018	16.53.21	114	17.6750	2,014.95
10/16/2018	16.56.30	136	17.6600	2,401.76
10/16/2018	16.56.32	1,879	17.6600	33,183.14
10/16/2018	16.56.32	169	17.6600	2,984.54
10/16/2018	16.56.32	58	17.6600	1,024.28
10/16/2018	16.56.32	757	17.6600	13,368.62
10/16/2018	16.56.46	149	17.6500	2,629.85
10/16/2018	16.56.51	77	17.6500	1,359.05
10/16/2018	16.56.51	674	17.6500	11,896.10
10/16/2018	16.56.52	1,345	17.6500	23,739.25

Date	Time	Quantity	Price	Amount
10/16/2018	16.56.52	1,578	17.6500	27,851.70
10/16/2018	17.06.35	55	17.6000	968.00
10/16/2018	17.06.49	286	17.6000	5,033.60
10/16/2018	17.06.49	600	17.6000	10,560.00
10/16/2018	17.06.51	218	17.6000	3,836.80
10/16/2018	17.08.37	358	17.6050	6,302.59
10/16/2018	17.09.51	76	17.6050	1,337.98
10/16/2018	17.09.51	924	17.6050	16,267.02
10/16/2018	17.09.51	59	17.6050	1,038.70
10/16/2018	17.15.46	4,243	17.5950	74,655.59
10/16/2018	17.15.46	355	17.5950	6,246.23
10/16/2018	17.15.46	402	17.5950	7,073.19
10/16/2018	17.16.50	701	17.5850	12,327.09
10/16/2018	17.16.50	285	17.5850	5,011.73
10/16/2018	17.18.58	34	17.6150	598.91
10/16/2018	17.19.28	948	17.6150	16,699.02
10/16/2018	17.19.28	32	17.6150	563.68
10/16/2018	17.20.34	75	17.6150	1,321.13
10/16/2018	17.20.34	701	17.6150	12,348.12
10/16/2018	17.20.34	691	17.6150	12,171.97
10/16/2018	17.20.34	600	17.6150	10,569.00
10/16/2018	17.20.34	600	17.6150	10,569.00
10/16/2018	17.20.34	531	17.6150	9,353.57
10/16/2018	17.20.34	600	17.6150	10,569.00
10/16/2018	17.21.03	34	17.6150	598.91
10/16/2018	17.21.13	1,168	17.6150	20,574.32
10/16/2018	17.21.53	153	17.6150	2,695.10
10/16/2018	17.22.04	2	17.6150	35.23
10/16/2018	17.22.04	382	17.6150	6,728.93
10/16/2018	17.22.04	400	17.6150	7,046.00
10/16/2018	17.22.04	687	17.6150	12,101.51
10/16/2018	17.25.12	600	17.6150	10,569.00
10/16/2018	17.25.12	600	17.6150	10,569.00
10/16/2018	17.25.12	15	17.6150	264.23
10/16/2018	17.25.39	288	17.6150	5,073.12
10/16/2018	17.25.42	288	17.6150	5,073.12
10/16/2018	17.25.45	39	17.6150	686.99
10/16/2018	17.25.45	287	17.6150	5,055.51
10/16/2018	17.26.08	778	17.6150	13,704.47
10/16/2018	17.26.08	481	17.6150	8,472.82
10/17/2018	09.03.43	500	17.7050	8,852.50
10/17/2018	09.04.09	40	17.6900	707.60
10/17/2018	09.04.09	960	17.6900	16,982.40
10/17/2018	09.05.34	268	17.7300	4,751.64
10/17/2018	09.05.34	232	17.7300	4,113.36
10/17/2018	09.06.25	267	17.7300	4,733.91

Date	Time	Quantity	Price	Amount
10/17/2018	09.06.25	233	17.7300	4,131.09
10/17/2018	09.07.54	415	17.7600	7,370.40
10/17/2018	09.07.54	85	17.7500	1,508.75
10/17/2018	09.11.15	1,500	17.8300	26,745.00
10/17/2018	09.11.29	1,423	17.8400	25,386.32
10/17/2018	09.11.29	377	17.8400	6,725.68
10/17/2018	09.13.52	47	17.8000	836.60
10/17/2018	09.13.52	151	17.8000	2,687.80
10/17/2018	09.13.52	750	17.8000	13,350.00
10/17/2018	09.13.52	552	17.8000	9,825.60
10/17/2018	09.15.50	2,066	17.7600	36,692.16
10/17/2018	09.15.50	30	17.7600	532.80
10/17/2018	09.15.50	300	17.7600	5,328.00
10/17/2018	09.15.50	104	17.7600	1,847.04
10/17/2018	09.16.55	285	17.7300	5,053.05
10/17/2018	09.20.07	421	17.7400	7,468.54
10/17/2018	09.20.07	579	17.7400	10,271.46
10/17/2018	09.20.25	574	17.7400	10,182.76
10/17/2018	09.20.28	426	17.7400	7,557.24
10/17/2018	09.22.02	935	17.7300	16,577.55
10/17/2018	09.22.15	355	17.7300	6,294.15
10/17/2018	09.25.53	98	17.7300	1,737.54
10/17/2018	09.26.23	957	17.7300	16,967.61
10/17/2018	09.26.23	170	17.7300	3,014.10
10/17/2018	09.26.36	77	17.7200	1,364.44
10/17/2018	09.26.42	1,923	17.7200	34,075.56
10/17/2018	09.27.48	1,585	17.6900	28,038.65
10/17/2018	09.27.48	300	17.6900	5,307.00
10/17/2018	09.27.48	515	17.6900	9,110.35
10/17/2018	09.27.48	600	17.6900	10,614.00
10/17/2018	09.28.34	335	17.6700	5,919.45
10/17/2018	09.28.34	165	17.6700	2,915.55
10/17/2018	09.31.06	1,879	17.6200	33,107.98
10/17/2018	09.31.06	121	17.6200	2,132.02
10/17/2018	09.34.04	620	17.5800	10,899.60
10/17/2018	09.34.04	440	17.5800	7,735.20
10/17/2018	09.34.32	74	17.5800	1,300.92
10/17/2018	09.34.37	866	17.5800	15,224.28
10/17/2018	09.40.23	455	17.5950	8,005.73
10/17/2018	09.40.23	309	17.5950	5,436.86
10/17/2018	09.40.23	736	17.5950	12,949.92
10/17/2018	09.59.18	2,000	17.7600	35,520.00
10/17/2018	10.01.40	908	17.7650	16,130.62
10/17/2018	10.01.40	76	17.7650	1,350.14
10/17/2018	10.01.40	620	17.7650	11,014.30
10/17/2018	10.01.40	396	17.7650	7,034.94

Date	Time	Quantity	Price	Amount
10/17/2018	10.02.00	500	17.7450	8,872.50
10/17/2018	10.02.00	500	17.7300	8,865.00
10/17/2018	10.02.00	2,500	17.7500	44,375.00
10/17/2018	10.02.00	2,000	17.7400	35,480.00
10/17/2018	10.02.17	2,000	17.7300	35,460.00
10/17/2018	10.03.25	1,342	17.7300	23,793.66
10/17/2018	10.03.25	658	17.7300	11,666.34
10/17/2018	10.04.51	200	17.7200	3,544.00
10/17/2018	10.04.51	300	17.7200	5,316.00
10/17/2018	10.04.51	600	17.7200	10,632.00
10/17/2018	10.04.51	300	17.7200	5,316.00
10/17/2018	10.04.51	300	17.7200	5,316.00
10/17/2018	10.04.51	300	17.7200	5,316.00
10/17/2018	10.04.51	300	17.7200	5,316.00
10/17/2018	10.05.38	1,900	17.7000	33,630.00
10/17/2018	10.07.23	3,000	17.7050	53,115.00
10/17/2018	10.08.18	98	17.7000	1,734.60
10/17/2018	10.08.37	663	17.7000	11,735.10
10/17/2018	10.08.37	834	17.7000	14,761.80
10/17/2018	10.08.37	53	17.7000	938.10
10/17/2018	10.08.37	481	17.7000	8,513.70
10/17/2018	10.08.37	539	17.7000	9,540.30
10/17/2018	10.08.37	332	17.7000	5,876.40
10/17/2018	10.10.44	309	17.7050	5,470.85
10/17/2018	10.11.21	470	17.7050	8,321.35
10/17/2018	10.11.21	450	17.7050	7,967.25
10/17/2018	10.11.41	671	17.7050	11,880.06
10/17/2018	10.12.02	400	17.6900	7,076.00
10/17/2018	10.15.33	2,517	17.6900	44,525.73
10/17/2018	10.15.33	83	17.6900	1,468.27
10/17/2018	10.15.37	2,800	17.6700	49,476.00
10/17/2018	10.16.51	404	17.6550	7,132.62
10/17/2018	10.16.51	500	17.6550	8,827.50
10/17/2018	10.16.51	658	17.6550	11,616.99
10/17/2018	10.16.51	438	17.6550	7,732.89
10/17/2018	10.19.42	500	17.6700	8,835.00
10/17/2018	10.20.03	1,853	17.6700	32,742.51
10/17/2018	10.20.03	400	17.6700	7,068.00
10/17/2018	10.20.03	247	17.6700	4,364.49
10/17/2018	10.20.43	222	17.6600	3,920.52
10/17/2018	10.20.57	1	17.6600	17.66
10/17/2018	10.20.57	200	17.6600	3,532.00
10/17/2018	10.33.42	740	17.7800	13,157.20
10/17/2018	10.33.42	2,563	17.7800	45,570.14
10/17/2018	10.33.42	619	17.7800	11,005.82
10/17/2018	10.33.46	478	17.7800	8,498.84
10/17/2018	10.33.46	600	17.7800	10,668.00

Date	Time	Quantity	Price	Amount
10/17/2018	10.36.08	597	17.7600	10,602.72
10/17/2018	10.36.08	658	17.7600	11,686.08
10/17/2018	10.36.08	743	17.7600	13,195.68
10/17/2018	10.36.08	1,109	17.7600	19,695.84
10/17/2018	10.36.08	1,098	17.7600	19,500.48
10/17/2018	10.36.08	620	17.7600	11,011.20
10/17/2018	10.36.08	2	17.7600	35.52
10/17/2018	10.36.08	101	17.7600	1,793.76
10/17/2018	10.36.27	72	17.7600	1,278.72
10/17/2018	10.43.56	5,000	17.7000	88,500.00
10/17/2018	10.51.39	5,000	17.7000	88,500.00
10/17/2018	10.53.23	217	17.6750	3,835.48
10/17/2018	10.53.23	251	17.6750	4,436.43
10/17/2018	10.55.07	4,188	17.6750	74,022.90
10/17/2018	10.55.07	344	17.6750	6,080.20
10/17/2018	10.58.43	4,908	17.7000	86,871.60
10/17/2018	10.58.43	92	17.7000	1,628.40
10/17/2018	11.11.52	88	17.7000	1,557.60
10/17/2018	11.12.13	98	17.7000	1,734.60
10/17/2018	11.17.59	120	17.7550	2,130.60
10/17/2018	11.18.29	2,729	17.7550	48,453.40
10/17/2018	11.18.29	1,551	17.7550	27,538.01
10/17/2018	11.18.29	600	17.7550	10,653.00
10/17/2018	11.22.48	4,917	17.7350	87,203.00
10/17/2018	11.22.48	83	17.7350	1,472.01
10/17/2018	11.28.42	366	17.7150	6,483.69
10/17/2018	11.28.42	221	17.7150	3,915.02
10/17/2018	11.28.42	178	17.7150	3,153.27
10/17/2018	11.28.42	345	17.7150	6,111.68
10/17/2018	11.28.42	603	17.7150	10,682.15
10/17/2018	11.28.42	833	17.7150	14,756.60
10/17/2018	11.28.42	2,454	17.7150	43,472.61
10/17/2018	11.35.22	189	17.7100	3,347.19
10/17/2018	11.35.52	749	17.7100	13,264.79
10/17/2018	11.35.52	778	17.7100	13,778.38
10/17/2018	11.35.52	184	17.7100	3,258.64
10/17/2018	11.35.52	1,392	17.7100	24,652.32
10/17/2018	11.36.00	92	17.7100	1,629.32
10/17/2018	11.36.08	455	17.7100	8,058.05
10/17/2018	11.38.01	593	17.7100	10,502.03
10/17/2018	11.38.01	568	17.7100	10,059.28
10/17/2018	11.40.49	950	17.7000	16,815.00
10/17/2018	11.40.56	2,914	17.7000	51,577.80
10/17/2018	11.40.56	950	17.7000	16,815.00
10/17/2018	11.56.38	1,037	17.7000	18,354.90
10/17/2018	11.56.38	2,741	17.7000	48,515.70



Date	Time	Quantity	Price	Amount
10/17/2018	11.56.38	1,222	17.7000	21,629.40
10/17/2018	11.56.59	1,425	17.6850	25,201.13
10/17/2018	11.56.59	73	17.6850	1,291.01
10/17/2018	11.56.59	599	17.6850	10,593.32
10/17/2018	11.56.59	276	17.6850	4,881.06
10/17/2018	11.56.59	494	17.6850	8,736.39
10/17/2018	11.59.53	425	17.6850	7,516.13
10/17/2018	11.59.53	1,708	17.6850	30,205.98
10/17/2018	12.03.46	788	17.6500	13,908.20
10/17/2018	12.04.23	788	17.6500	13,908.20
10/17/2018	12.04.51	2,858	17.6500	50,443.70
10/17/2018	12.04.51	566	17.6500	9,989.90
10/17/2018	12.21.41	5,000	17.6500	88,250.00
10/17/2018	12.33.57	4,712	17.6000	82,931.20
10/17/2018	12.33.57	288	17.6000	5,068.80
10/17/2018	13.16.25	688	17.5500	12,074.40
10/17/2018	13.16.25	221	17.5500	3,878.55
10/17/2018	13.17.09	64	17.5500	1,123.20
10/17/2018	13.17.09	299	17.5500	5,247.45
10/17/2018	13.17.09	200	17.5500	3,510.00
10/17/2018	13.20.12	3,302	17.5500	57,950.10
10/17/2018	13.20.12	77	17.5500	1,351.35
10/17/2018	13.20.12	149	17.5500	2,614.95
10/17/2018	13.40.39	218	17.5000	3,815.00
10/17/2018	13.41.24	4,485	17.5000	78,487.50
10/17/2018	13.41.24	297	17.5000	5,197.50
10/17/2018	13.51.13	2,000	17.4500	34,900.00
10/17/2018	13.55.00	100	17.4000	1,740.00
10/17/2018	13.56.34	168	17.4000	2,923.20
10/17/2018	13.56.34	600	17.4000	10,440.00
10/17/2018	13.56.34	660	17.4000	11,484.00
10/17/2018	13.56.34	472	17.4000	8,212.80
10/17/2018	14.18.39	321	17.3500	5,569.35
10/17/2018	14.24.01	94	17.3500	1,630.90
10/17/2018	14.27.27	399	17.3500	6,922.65
10/17/2018	14.27.27	87	17.3500	1,509.45
10/17/2018	14.27.27	1,099	17.3500	19,067.65
10/17/2018	14.34.53	2,000	17.3500	34,700.00
10/17/2018	14.42.53	343	17.3700	5,957.91
10/17/2018	14.42.53	908	17.3700	15,771.96
10/17/2018	14.42.53	250	17.3700	4,342.50
10/17/2018	14.42.53	250	17.3700	4,342.50
10/17/2018	14.42.53	249	17.3700	4,325.13
10/17/2018	14.42.57	2,000	17.3600	34,720.00
10/17/2018	14.48.16	473	17.3550	8,208.92
10/17/2018	14.48.16	382	17.3550	6,629.61

Date	Time	Quantity	Price	Amount
10/17/2018	14.48.34	119	17.3550	2,065.25
10/17/2018	14.48.34	1,026	17.3550	17,806.23
10/17/2018	15.04.42	2	17.3350	34.67
10/17/2018	15.04.42	13	17.3350	225.36
10/17/2018	15.04.42	288	17.3350	4,992.48
10/17/2018	15.04.42	365	17.3350	6,327.28
10/17/2018	15.04.48	1,332	17.3350	23,090.22
10/17/2018	15.06.57	3,000	17.3000	51,900.00
10/17/2018	15.25.11	306	17.3950	5,322.87
10/17/2018	15.25.25	709	17.3950	12,333.06
10/17/2018	15.25.25	499	17.3950	8,680.11
10/17/2018	15.25.25	486	17.3950	8,453.97
10/17/2018	15.31.46	444	17.3400	7,698.96
10/17/2018	15.32.36	968	17.3400	16,785.12
10/17/2018	15.32.36	588	17.3400	10,195.92
10/17/2018	15.38.06	211	17.3000	3,650.30
10/17/2018	15.38.19	1,269	17.3000	21,953.70
10/17/2018	15.38.19	520	17.3000	8,996.00
10/17/2018	15.50.13	91	17.2800	1,572.48
10/17/2018	15.50.13	245	17.2800	4,233.60
10/17/2018	15.50.13	155	17.2800	2,678.40
10/17/2018	15.50.13	120	17.2800	2,073.60
10/17/2018	15.50.13	248	17.2800	4,285.44
10/17/2018	15.50.13	451	17.2800	7,793.28
10/17/2018	15.50.13	263	17.2750	4,543.33
10/17/2018	15.50.13	182	17.2700	3,143.14
10/17/2018	15.50.13	245	17.2700	4,231.15
10/17/2018	15.52.14	297	17.2900	5,135.13
10/17/2018	15.52.14	520	17.2900	8,990.80
10/17/2018	15.52.14	699	17.2900	12,085.71
10/17/2018	15.52.14	484	17.2900	8,368.36
10/17/2018	15.54.27	228	17.2700	3,937.56
10/17/2018	15.54.27	1,772	17.2700	30,602.44
10/17/2018	15.59.38	191	17.2600	3,296.66
10/17/2018	15.59.38	889	17.2600	15,344.14
10/17/2018	15.59.38	400	17.2600	6,904.00
10/17/2018	15.59.38	520	17.2600	8,975.20
10/17/2018	16.24.56	1,718	17.2200	29,583.96
10/17/2018	16.24.56	282	17.2200	4,856.04
10/17/2018	16.34.57	979	17.2450	16,882.86
10/17/2018	16.34.57	599	17.2450	10,329.76
10/17/2018	16.34.57	422	17.2450	7,277.39
10/17/2018	16.40.04	1,375	17.2200	23,677.50
10/17/2018	16.40.04	1,625	17.2200	27,982.50
10/17/2018	16.42.13	8	17.2250	137.80

Date	Time	Quantity	Price	Amount
10/17/2018	16.42.35	15	17.2450	258.68
10/17/2018	16.42.35	2,124	17.2450	36,628.38
10/17/2018	16.42.46	36	17.2400	620.64
10/17/2018	16.43.28	652	17.2550	11,250.26
10/17/2018	16.46.25	609	17.2850	10,526.57
10/17/2018	16.46.25	1,200	17.2850	20,742.00
10/17/2018	16.46.25	500	17.2850	8,642.50
10/17/2018	16.46.40	165	17.2850	2,852.03
10/17/2018	16.46.40	550	17.2850	9,506.75
10/17/2018	16.46.40	1,376	17.2850	23,784.16
10/17/2018	16.46.40	600	17.2850	10,371.00
10/17/2018	16.47.07	113	17.2750	1,952.08
10/17/2018	16.47.07	249	17.2750	4,301.48
10/17/2018	16.47.11	4,638	17.2750	80,121.45
10/17/2018	16.48.36	1	17.2750	17.28
10/17/2018	16.48.36	167	17.2750	2,884.93
10/17/2018	16.51.08	106	17.2850	1,832.21
10/17/2018	16.53.12	5,000	17.3100	86,550.00
10/17/2018	16.59.09	24	17.3300	415.92
10/17/2018	16.59.09	845	17.3300	14,643.85
10/17/2018	16.59.09	550	17.3300	9,531.50
10/17/2018	16.59.09	522	17.3300	9,046.26
10/17/2018	16.59.09	1,059	17.3300	18,352.47
10/17/2018	17.03.56	53	17.3000	916.90
10/17/2018	17.05.01	274	17.3050	4,741.57
10/17/2018	17.05.01	224	17.3050	3,876.32
10/17/2018	17.05.02	2,502	17.3050	43,297.11
10/17/2018	17.05.05	291	17.3000	5,034.30
10/17/2018	17.05.05	149	17.3000	2,577.70
10/17/2018	17.05.05	510	17.3000	8,823.00
10/17/2018	17.05.05	470	17.3000	8,131.00
10/17/2018	17.09.49	305	17.3550	5,293.28
10/17/2018	17.10.41	1,169	17.3550	20,288.00
10/17/2018	17.11.32	323	17.3550	5,605.67
10/17/2018	17.11.32	1,199	17.3550	20,808.65
10/17/2018	17.13.54	1,466	17.3550	25,442.43
10/17/2018	17.13.54	1,198	17.3550	20,791.29
10/17/2018	17.13.54	963	17.3550	16,712.87
10/17/2018	17.13.54	275	17.3550	4,772.63
10/17/2018	17.13.54	498	17.3550	8,642.79
10/17/2018	17.13.54	600	17.3550	10,413.00
10/17/2018	17.14.38	5,337	17.3650	92,677.01
10/17/2018	17.14.38	103	17.3650	1,788.60
10/17/2018	17.14.38	649	17.3650	11,269.89
10/17/2018	17.14.38	315	17.3650	5,469.98
10/17/2018	17.14.38	168	17.3650	2,917.32

Date	Time	Quantity	Price	Amount
10/17/2018	17.14.38	366	17.3600	6,353.76
10/18/2018	09.00.56	202	16.8500	3,403.70
10/18/2018	09.01.01	300	16.8500	5,055.00
10/18/2018	09.01.01	487	16.8500	8,205.95
10/18/2018	09.01.02	1,011	16.8500	17,035.35
10/18/2018	09.01.36	2,000	16.8000	33,600.00
10/18/2018	09.01.37	908	16.7900	15,245.32
10/18/2018	09.01.37	75	16.7900	1,259.25
10/18/2018	09.01.37	75	16.7900	1,259.25
10/18/2018	09.01.37	198	16.7900	3,324.42
10/18/2018	09.01.37	273	16.7900	4,583.67
10/18/2018	09.01.37	471	16.7900	7,908.09
10/18/2018	09.02.49	153	16.5600	2,533.68
10/18/2018	09.03.37	5,000	16.6200	83,100.00
10/18/2018	09.03.38	5,000	16.6050	83,025.00
10/18/2018	09.04.25	4,288	16.5900	71,137.92
10/18/2018	09.04.25	712	16.5900	11,812.08
10/18/2018	09.04.26	609	16.5850	10,100.27
10/18/2018	09.04.55	2,912	16.5850	48,295.52
10/18/2018	09.04.55	1,479	16.5850	24,529.22
10/18/2018	09.04.55	3,773	16.6000	62,631.80
10/18/2018	09.04.55	834	16.6000	13,844.40
10/18/2018	09.04.55	393	16.6000	6,523.80
10/18/2018	09.04.57	4,847	16.5600	80,266.32
10/18/2018	09.05.39	2,000	16.4300	32,860.00
10/18/2018	09.05.52	201	16.4000	3,296.40
10/18/2018	09.05.52	1,031	16.4000	16,908.40
10/18/2018	09.06.04	2,869	16.4000	47,051.60
10/18/2018	09.06.04	899	16.4000	14,743.60
10/18/2018	09.06.47	2,000	16.3500	32,700.00
10/18/2018	09.06.47	2,000	16.3600	32,720.00
10/18/2018	09.07.12	189	16.3250	3,085.43
10/18/2018	09.07.12	317	16.3250	5,175.03
10/18/2018	09.07.12	948	16.3250	15,476.10
10/18/2018	09.07.12	500	16.3250	8,162.50
10/18/2018	09.07.12	46	16.3250	750.95
10/18/2018	09.08.17	1,405	16.3800	23,013.90
10/18/2018	09.08.17	91	16.3800	1,490.58
10/18/2018	09.13.56	2,000	16.5000	33,000.00
10/18/2018	09.20.27	1,557	16.4500	25,612.65
10/18/2018	09.20.27	443	16.4500	7,287.35
10/18/2018	09.20.36	501	16.4000	8,216.40
10/18/2018	09.22.21	500	16.4000	8,200.00
10/18/2018	09.31.08	2,000	16.5000	33,000.00
10/18/2018	09.31.51	309	16.4000	5,067.60
10/18/2018	09.47.41	1,407	16.5400	23,271.78

Date	Time	Quantity	Price	Amount
10/18/2018	09.47.41	593	16.5400	9,808.22
10/18/2018	09.49.27	1,000	16.5000	16,500.00
10/18/2018	09.54.26	305	16.4700	5,023.35
10/18/2018	09.54.26	500	16.4700	8,235.00
10/18/2018	09.54.26	499	16.4700	8,218.53
10/18/2018	09.54.26	696	16.4700	11,463.12
10/18/2018	09.55.28	30	16.4650	493.95
10/18/2018	09.55.28	804	16.4650	13,237.86
10/18/2018	09.55.28	166	16.4650	2,733.19
10/18/2018	09.57.39	536	16.4400	8,811.84
10/18/2018	09.57.39	464	16.4400	7,628.16
10/18/2018	09.59.08	102	16.4800	1,680.96
10/18/2018	09.59.08	468	16.4800	7,712.64
10/18/2018	09.59.57	193	16.5000	3,184.50
10/18/2018	09.59.57	307	16.5000	5,065.50
10/18/2018	09.59.57	500	16.5000	8,250.00
10/18/2018	10.02.06	69	16.5250	1,140.23
10/18/2018	10.02.06	333	16.5250	5,502.83
10/18/2018	10.04.43	123	16.5250	2,032.58
10/18/2018	10.04.43	425	16.5300	7,025.25
10/18/2018	10.04.43	1,210	16.5250	19,995.25
10/18/2018	10.04.43	500	16.5300	8,265.00
10/18/2018	10.04.43	265	16.5250	4,379.13
10/18/2018	10.04.43	75	16.5300	1,239.75
10/18/2018	10.06.05	1,000	16.4900	16,490.00
10/18/2018	10.06.06	131	16.4850	2,159.54
10/18/2018	10.06.08	869	16.4850	14,325.47
10/18/2018	10.13.15	169	16.5350	2,794.42
10/18/2018	10.13.15	250	16.5350	4,133.75
10/18/2018	10.13.15	249	16.5350	4,117.22
10/18/2018	10.13.15	332	16.5350	5,489.62
10/18/2018	10.13.28	2,000	16.5300	33,060.00
10/18/2018	10.14.56	169	16.5150	2,791.04
10/18/2018	10.15.06	831	16.5150	13,723.97
10/18/2018	10.16.15	650	16.5000	10,725.00
10/18/2018	10.16.15	316	16.5000	5,214.00
10/18/2018	10.16.21	34	16.5000	561.00
10/18/2018	10.17.33	30	16.4800	494.40
10/18/2018	10.17.33	400	16.4800	6,592.00
10/18/2018	10.17.40	961	16.4700	15,827.67
10/18/2018	10.17.40	39	16.4700	642.33
10/18/2018	10.17.59	385	16.4600	6,337.10
10/18/2018	10.18.00	549	16.4600	9,036.54
10/18/2018	10.18.00	66	16.4600	1,086.36
10/18/2018	10.18.29	676	16.4450	11,116.82
10/18/2018	10.18.29	324	16.4450	5,328.18

Date	Time	Quantity	Price	Amount
10/18/2018	10.21.00	389	16.4450	6,397.11
10/18/2018	10.21.00	389	16.4450	6,397.11
10/18/2018	10.21.00	222	16.4450	3,650.79
10/18/2018	10.24.01	187	16.4000	3,066.80
10/18/2018	10.24.01	396	16.4000	6,494.40
10/18/2018	10.24.01	1,000	16.4300	16,430.00
10/18/2018	10.24.46	51	16.4000	836.40
10/18/2018	10.24.46	56	16.4000	918.40
10/18/2018	10.25.27	682	16.4150	11,195.03
10/18/2018	10.25.27	8	16.4150	131.32
10/18/2018	10.25.27	155	16.4150	2,544.33
10/18/2018	10.25.27	155	16.4150	2,544.33
10/18/2018	10.26.03	463	16.3800	7,583.94
10/18/2018	10.26.03	480	16.3800	7,862.40
10/18/2018	10.26.03	119	16.3800	1,949.22
10/18/2018	10.26.03	2,069	16.4000	33,931.60
10/18/2018	10.26.03	103	16.4000	1,689.20
10/18/2018	10.26.03	187	16.4000	3,066.80
10/18/2018	10.26.03	187	16.4000	3,066.80
10/18/2018	10.26.03	250	16.4000	4,100.00
10/18/2018	10.26.03	204	16.4000	3,345.60
10/18/2018	10.26.08	2,442	16.3800	39,999.96
10/18/2018	10.30.18	1,000	16.3800	16,380.00
10/18/2018	10.30.56	631	16.3800	10,335.78
10/18/2018	10.30.56	169	16.3800	2,768.22
10/18/2018	10.30.56	200	16.3800	3,276.00
10/18/2018	10.31.31	500	16.3700	8,185.00
10/18/2018	10.31.31	500	16.3700	8,185.00
10/18/2018	10.32.35	226	16.3300	3,690.58
10/18/2018	10.32.35	403	16.3300	6,580.99
10/18/2018	10.32.35	229	16.3300	3,739.57
10/18/2018	10.32.35	437	16.3300	7,136.21
10/18/2018	10.32.35	596	16.3300	9,732.68
10/18/2018	10.32.36	1	16.3300	16.33
10/18/2018	10.34.05	101	16.3900	1,655.39
10/18/2018	10.34.05	669	16.3900	10,964.91
10/18/2018	10.34.05	230	16.3900	3,769.70
10/18/2018	10.34.15	1,000	16.3800	16,380.00
10/18/2018	10.36.21	372	16.3650	6,087.78
10/18/2018	10.38.16	160	16.3650	2,618.40
10/18/2018	10.38.16	1,000	16.3550	16,355.00
10/18/2018	10.38.16	350	16.3650	5,727.75
10/18/2018	10.38.16	28	16.3650	458.22
10/18/2018	10.38.16	600	16.3650	9,819.00
10/18/2018	10.38.16	490	16.3650	8,018.85
10/18/2018	10.38.23	266	16.3350	4,345.11

Date	Time	Quantity	Price	Amount
10/18/2018	10.38.29	80	16.3350	1,306.80
10/18/2018	10.38.32	155	16.3350	2,531.93
10/18/2018	10.38.32	499	16.3350	8,151.17
10/18/2018	10.38.54	108	16.3300	1,763.64
10/18/2018	10.39.02	357	16.3200	5,826.24
10/18/2018	10.39.03	30	16.3200	489.60
10/18/2018	10.39.06	1,114	16.3200	18,180.48
10/18/2018	10.39.06	499	16.3200	8,143.68
10/18/2018	10.39.26	486	16.3100	7,926.66
10/18/2018	10.39.26	50	16.3100	815.50
10/18/2018	10.39.26	210	16.3100	3,425.10
10/18/2018	10.39.26	1,254	16.3100	20,452.74
10/18/2018	10.39.35	456	16.2950	7,430.52
10/18/2018	10.39.35	645	16.2950	10,510.28
10/18/2018	10.39.35	100	16.2950	1,629.50
10/18/2018	10.39.35	799	16.2950	13,019.71
10/18/2018	10.39.35	2,000	16.3000	32,600.00
10/18/2018	10.42.02	2,000	16.2700	32,540.00
10/18/2018	10.42.23	125	16.2500	2,031.25
10/18/2018	10.42.24	125	16.2500	2,031.25
10/18/2018	10.42.42	125	16.2500	2,031.25
10/18/2018	10.42.54	200	16.2500	3,250.00
10/18/2018	10.43.41	1,425	16.2500	23,156.25
10/18/2018	10.50.54	1,000	16.3000	16,300.00
10/18/2018	10.57.33	34	16.3600	556.24
10/18/2018	10.57.35	64	16.3600	1,047.04
10/18/2018	10.57.35	902	16.3600	14,756.72
10/18/2018	10.58.22	1,000	16.3300	16,330.00
10/18/2018	11.00.53	1,000	16.3000	16,300.00
10/18/2018	11.01.15	462	16.2800	7,521.36
10/18/2018	11.01.22	538	16.2800	8,758.64
10/18/2018	11.06.37	897	16.2500	14,576.25
10/18/2018	11.06.37	103	16.2500	1,673.75
10/18/2018	11.14.01	13	16.2150	210.80
10/18/2018	11.14.01	669	16.2150	10,847.84
10/18/2018	11.14.01	1,318	16.2150	21,371.37
10/18/2018	11.15.21	2,000	16.2150	32,430.00
10/18/2018	11.17.14	2,000	16.2100	32,420.00
10/18/2018	11.34.10	1,000	16.3000	16,300.00
10/18/2018	11.34.36	1,000	16.2900	16,290.00
10/18/2018	11.35.19	2,000	16.2500	32,500.00
10/18/2018	11.45.20	1,000	16.2950	16,295.00
10/18/2018	11.46.37	1,000	16.2900	16,290.00
10/18/2018	11.49.07	451	16.2700	7,337.77
10/18/2018	11.49.07	1,000	16.2500	16,250.00
10/18/2018	11.49.07	549	16.2700	8,932.23

Date	Time	Quantity	Price	Amount
10/18/2018	11.57.25	500	16.2650	8,132.50
10/18/2018	11.57.25	500	16.2650	8,132.50
10/18/2018	11.57.30	1,000	16.2550	16,255.00
10/18/2018	12.02.46	880	16.2850	14,330.80
10/18/2018	12.02.46	120	16.2850	1,954.20
10/18/2018	12.07.39	1,000	16.2650	16,265.00
10/18/2018	12.07.40	620	16.2500	10,075.00
10/18/2018	12.07.40	104	16.2500	1,690.00
10/18/2018	12.07.42	276	16.2500	4,485.00
10/18/2018	12.10.14	1,000	16.2150	16,215.00
10/18/2018	12.10.59	246	16.2200	3,990.12
10/18/2018	12.10.59	669	16.2200	10,851.18
10/18/2018	12.10.59	85	16.2200	1,378.70
10/18/2018	12.13.48	1,180	16.2000	19,116.00
10/18/2018	12.13.48	820	16.2000	13,284.00
10/18/2018	12.18.30	2,000	16.1900	32,380.00
10/18/2018	12.19.07	500	16.1900	8,095.00
10/18/2018	12.19.07	500	16.1900	8,095.00
10/18/2018	12.27.50	756	16.1500	12,209.40
10/18/2018	12.33.40	493	16.1500	7,961.95
10/18/2018	12.33.40	751	16.1500	12,128.65
10/18/2018	12.49.39	1,000	16.1400	16,140.00
10/18/2018	13.49.48	1,024	16.2500	16,640.00
10/18/2018	13.49.48	700	16.2500	11,375.00
10/18/2018	13.49.48	276	16.2500	4,485.00
10/18/2018	13.50.27	159	16.2500	2,583.75
10/18/2018	13.50.27	183	16.2500	2,973.75
10/18/2018	13.50.27	196	16.2500	3,185.00
10/18/2018	13.50.27	962	16.2500	15,632.50
10/18/2018	13.50.27	500	16.2500	8,125.00
10/18/2018	13.51.56	343	16.2250	5,565.18
10/18/2018	13.51.56	993	16.2250	16,111.43
10/18/2018	13.51.56	344	16.2250	5,581.40
10/18/2018	13.51.56	195	16.2250	3,163.88
10/18/2018	13.51.56	125	16.2250	2,028.13
10/18/2018	13.58.53	801	16.2150	12,988.22
10/18/2018	13.58.53	1,199	16.2150	19,441.79
10/18/2018	14.28.37	1,000	16.3100	16,310.00
10/18/2018	14.39.34	620	16.3550	10,140.10
10/18/2018	14.39.34	80	16.3550	1,308.40
10/18/2018	14.39.34	300	16.3550	4,906.50
10/18/2018	14.49.06	30	16.4050	492.15
10/18/2018	14.49.06	170	16.4050	2,788.85
10/18/2018	14.49.06	71	16.4050	1,164.76
10/18/2018	14.49.06	324	16.4050	5,315.22
10/18/2018	14.50.05	1,000	16.4200	16,420.00



Date	Time	Quantity	Price	Amount
10/18/2018	15.21.50	97	16.5150	1,601.96
10/18/2018	15.21.50	201	16.5150	3,319.52
10/18/2018	15.24.23	29	16.5150	478.94
10/18/2018	15.25.05	1,673	16.5150	27,629.60
10/18/2018	15.27.36	21	16.5000	346.50
10/18/2018	15.27.36	1,385	16.5000	22,852.50
10/18/2018	15.27.36	594	16.5000	9,801.00
10/18/2018	15.27.47	181	16.4900	2,984.69
10/18/2018	15.32.57	345	16.5150	5,697.68
10/18/2018	15.33.08	728	16.5150	12,022.92
10/18/2018	15.33.08	600	16.5150	9,909.00
10/18/2018	15.33.08	327	16.5150	5,400.41
10/18/2018	15.39.11	19	16.4900	313.31
10/18/2018	15.39.11	300	16.4900	4,947.00
10/18/2018	15.39.11	900	16.4900	14,841.00
10/18/2018	15.39.11	600	16.4900	9,894.00
10/18/2018	15.43.51	301	16.4750	4,958.98
10/18/2018	15.43.51	199	16.4750	3,278.53
10/18/2018	15.43.51	500	16.4750	8,237.50
10/18/2018	15.45.34	1,500	16.4000	24,600.00
10/18/2018	15.45.44	470	16.4000	7,708.00
10/18/2018	15.46.21	1,030	16.4000	16,892.00
10/18/2018	15.47.22	2,000	16.3800	32,760.00
10/18/2018	15.49.29	767	16.3800	12,563.46
10/18/2018	15.49.29	198	16.3800	3,243.24
10/18/2018	15.49.29	191	16.3800	3,128.58
10/18/2018	15.49.29	198	16.3800	3,243.24
10/18/2018	15.49.29	196	16.3800	3,210.48
10/18/2018	15.49.29	42	16.3800	687.96
10/18/2018	15.49.30	408	16.3800	6,683.04
10/18/2018	15.50.12	1,935	16.3500	31,637.25
10/18/2018	15.50.12	65	16.3500	1,062.75
10/18/2018	15.52.14	2,000	16.3200	32,640.00
10/18/2018	15.53.32	1,198	16.3150	19,545.37
10/18/2018	15.53.32	300	16.3150	4,894.50
10/18/2018	15.53.32	502	16.3150	8,190.13
10/18/2018	15.53.58	2,000	16.3000	32,600.00
10/18/2018	15.55.57	414	16.3000	6,748.20
10/18/2018	15.55.57	2,000	16.3050	32,610.00
10/18/2018	15.56.58	1,586	16.3000	25,851.80
10/18/2018	16.00.00	1,557	16.3050	25,386.89
10/18/2018	16.00.00	300	16.3050	4,891.50
10/18/2018	16.00.00	143	16.3050	2,331.62
10/18/2018	16.02.47	701	16.2800	11,412.28
10/18/2018	16.02.47	300	16.2800	4,884.00
10/18/2018	16.02.47	251	16.2800	4,086.28

Date	Time	Quantity	Price	Amount
10/18/2018	16.02.47	748	16.2800	12,177.44
10/18/2018	16.03.16	2,000	16.2650	32,530.00
10/18/2018	16.09.43	359	16.2900	5,848.11
10/18/2018	16.09.43	549	16.2900	8,943.21
10/18/2018	16.09.43	25	16.2900	407.25
10/18/2018	16.09.43	300	16.2900	4,887.00
10/18/2018	16.09.43	767	16.2900	12,494.43
10/18/2018	16.09.53	718	16.2800	11,689.04
10/18/2018	16.09.53	250	16.2800	4,070.00
10/18/2018	16.12.07	528	16.2800	8,595.84
10/18/2018	16.13.55	122	16.2800	1,986.16
10/18/2018	16.14.01	382	16.2800	6,218.96
10/18/2018	16.14.19	220	16.2600	3,577.20
10/18/2018	16.14.19	187	16.2600	3,040.62
10/18/2018	16.15.08	470	16.2600	7,642.20
10/18/2018	16.15.22	523	16.2600	8,503.98
10/18/2018	16.15.22	600	16.2600	9,756.00
10/18/2018	16.15.25	294	16.2500	4,777.50
10/18/2018	16.15.25	1,157	16.2500	18,801.25
10/18/2018	16.15.25	549	16.2500	8,921.25
10/18/2018	16.18.38	243	16.2800	3,956.04
10/18/2018	16.18.38	322	16.2800	5,242.16
10/18/2018	16.18.38	68	16.2800	1,107.04
10/18/2018	16.18.38	600	16.2800	9,768.00
10/18/2018	16.18.38	767	16.2800	12,486.76
10/18/2018	16.21.06	1,900	16.2600	30,894.00
10/18/2018	16.21.06	100	16.2600	1,626.00
10/18/2018	16.21.19	264	16.2550	4,291.32
10/18/2018	16.21.19	214	16.2550	3,478.57
10/18/2018	16.21.23	1,522	16.2550	24,740.11
10/18/2018	16.26.11	535	16.2600	8,699.10
10/18/2018	16.26.11	549	16.2600	8,926.74
10/18/2018	16.26.11	316	16.2600	5,138.16
10/18/2018	16.26.11	600	16.2600	9,756.00
10/18/2018	16.32.03	500	16.3400	8,170.00
10/18/2018	16.33.12	500	16.3550	8,177.50
10/18/2018	16.33.31	500	16.3300	8,165.00
10/18/2018	16.40.51	500	16.3750	8,187.50
10/18/2018	16.41.39	387	16.3800	6,339.06
10/18/2018	16.41.39	113	16.3800	1,850.94
10/18/2018	16.41.47	500	16.3750	8,187.50
10/18/2018	16.43.21	300	16.3800	4,914.00
10/18/2018	16.44.22	232	16.3800	3,800.16
10/18/2018	16.44.22	68	16.3800	1,113.84
10/18/2018	16.44.27	500	16.3600	8,180.00
10/18/2018	16.44.27	343	16.3700	5,614.91

Date	Time	Quantity	Price	Amount
10/18/2018	16.44.27	157	16.3700	2,570.09
10/18/2018	16.51.19	33	16.3200	538.56
10/18/2018	16.51.19	467	16.3200	7,621.44
10/18/2018	16.52.10	500	16.3000	8,150.00
10/18/2018	16.54.18	307	16.3100	5,007.17
10/18/2018	16.54.18	193	16.3100	3,147.83
10/18/2018	16.56.24	500	16.2850	8,142.50
10/18/2018	16.57.21	2,000	16.2750	32,550.00
10/18/2018	16.57.45	122	16.2800	1,986.16
10/18/2018	16.58.04	378	16.2800	6,153.84
10/18/2018	16.58.25	335	16.2750	5,452.13
10/18/2018	16.58.25	165	16.2750	2,685.38
10/18/2018	17.01.47	500	16.2950	8,147.50
10/18/2018	17.01.48	800	16.2900	13,032.00
10/18/2018	17.01.49	149	16.2850	2,426.47
10/18/2018	17.03.04	500	16.2900	8,145.00
10/18/2018	17.03.04	351	16.2850	5,716.04
10/18/2018	17.03.08	500	16.2800	8,140.00
10/18/2018	17.04.43	500	16.2750	8,137.50
10/18/2018	17.04.53	500	16.2700	8,135.00
10/18/2018	17.05.13	2,000	16.2600	32,520.00
10/18/2018	17.06.03	500	16.2500	8,125.00
10/18/2018	17.06.07	500	16.2500	8,125.00
10/18/2018	17.06.47	91	16.2300	1,476.93
10/18/2018	17.07.35	1,784	16.2600	29,007.84
10/18/2018	17.07.35	5	16.2600	81.30
10/18/2018	17.07.35	30	16.2600	487.80
10/18/2018	17.07.35	152	16.2600	2,471.52
10/18/2018	17.07.35	29	16.2600	471.54
10/18/2018	17.10.04	1,092	16.2950	17,794.14
10/18/2018	17.10.04	195	16.2950	3,177.53
10/18/2018	17.10.04	259	16.2950	4,220.41
10/18/2018	17.10.04	199	16.2950	3,242.71
10/18/2018	17.10.04	158	16.2950	2,574.61
10/18/2018	17.10.04	97	16.2950	1,580.62
10/18/2018	17.11.26	41	16.2800	667.48
10/18/2018	17.11.28	1,872	16.2800	30,476.16
10/18/2018	17.11.28	92	16.2800	1,497.76
10/18/2018	17.13.09	232	16.2500	3,770.00
10/18/2018	17.13.11	499	16.2500	8,108.75
10/18/2018	17.14.04	248	16.2650	4,033.72
10/18/2018	17.14.04	124	16.2650	2,016.86
10/18/2018	17.14.04	62	16.2650	1,008.43
10/18/2018	17.14.04	139	16.2650	2,260.84
10/18/2018	17.14.04	868	16.2650	14,118.02
10/18/2018	17.14.04	600	16.2650	9,759.00

Date	Time	Quantity	Price	Amount
10/18/2018	17.14.04	567	16.2650	9,222.26
10/18/2018	17.15.46	272	16.2800	4,428.16
10/18/2018	17.16.36	230	16.2800	3,744.40
10/18/2018	17.16.36	499	16.2800	8,123.72
10/18/2018	17.16.36	1,399	16.2800	22,775.72
10/18/2018	17.16.36	600	16.2800	9,768.00
10/18/2018	17.16.57	348	16.2650	5,660.22
10/18/2018	17.17.09	44	16.2650	715.66
10/18/2018	17.17.09	14	16.2650	227.71
10/18/2018	17.17.23	29	16.2650	471.69
10/18/2018	17.17.52	55	16.2650	894.58
10/18/2018	17.17.52	500	16.2650	8,132.50
10/18/2018	17.17.52	144	16.2650	2,342.16
10/18/2018	17.17.53	498	16.2650	8,099.97
10/18/2018	17.17.56	199	16.2650	3,236.74
10/18/2018	17.17.57	1,739	16.2650	28,284.84
10/18/2018	17.18.20	267	16.2600	4,341.42
10/18/2018	17.18.20	263	16.2600	4,276.38
10/18/2018	17.18.20	322	16.2600	5,235.72
10/18/2018	17.18.20	464	16.2550	7,542.32
10/18/2018	17.18.20	579	16.2550	9,411.65
10/18/2018	17.18.20	605	16.2550	9,834.28
10/18/2018	17.18.20	500	16.2550	8,127.50
10/19/2018	09.01.34	2,000	16.0800	32,160.00
10/19/2018	09.02.10	2,000	16.1000	32,200.00
10/19/2018	09.02.20	210	16.0950	3,379.95
10/19/2018	09.02.20	600	16.0950	9,657.00
10/19/2018	09.02.20	600	16.0950	9,657.00
10/19/2018	09.02.20	590	16.0950	9,496.05
10/19/2018	09.05.11	43	16.0450	689.94
10/19/2018	09.05.11	2,000	16.0650	32,130.00
10/19/2018	09.05.11	517	16.0750	8,310.78
10/19/2018	09.05.11	600	16.0750	9,645.00
10/19/2018	09.05.11	883	16.0750	14,194.23
10/19/2018	09.05.14	948	16.0450	15,210.66
10/19/2018	09.05.14	1,009	16.0450	16,189.41
10/19/2018	09.05.19	1,000	16.0350	16,035.00
10/19/2018	09.05.19	1,000	16.0350	16,035.00
10/19/2018	09.07.16	400	16.0600	6,424.00
10/19/2018	09.07.16	416	16.0600	6,680.96
10/19/2018	09.07.16	300	16.0600	4,818.00
10/19/2018	09.07.16	300	16.0600	4,818.00
10/19/2018	09.07.16	292	16.0600	4,689.52
10/19/2018	09.08.14	203	16.0600	3,260.18
10/19/2018	09.08.14	89	16.0600	1,429.34
10/19/2018	09.09.10	1,071	16.0450	17,184.20

Date	Time	Quantity	Price	Amount
10/19/2018	09.14.52	440	16.0800	7,075.20
10/19/2018	09.14.52	1,560	16.0800	25,084.80
10/19/2018	09.18.07	800	16.0600	12,848.00
10/19/2018	09.18.08	929	16.0450	14,905.81
10/19/2018	09.19.48	1,529	16.0350	24,517.52
10/19/2018	09.19.48	471	16.0350	7,552.49
10/19/2018	09.19.59	800	16.0250	12,820.00
10/19/2018	09.20.02	2,000	16.0100	32,020.00
10/19/2018	09.20.52	1,950	16.0150	31,229.25
10/19/2018	09.23.43	1,130	16.0800	18,170.40
10/19/2018	09.23.43	435	16.0800	6,994.80
10/19/2018	09.23.43	435	16.0800	6,994.80
10/19/2018	09.24.27	130	16.0600	2,087.80
10/19/2018	09.24.27	2	16.0600	32.12
10/19/2018	09.24.30	1,868	16.0600	30,000.08
10/19/2018	09.27.19	3,104	16.0500	49,819.20
10/19/2018	09.27.20	6,896	16.0500	110,680.80
10/19/2018	09.31.24	800	16.1200	12,896.00
10/19/2018	09.34.59	273	16.0800	4,389.84
10/19/2018	09.34.59	527	16.0800	8,474.16
10/19/2018	09.38.16	482	16.0500	7,736.10
10/19/2018	09.41.24	174	16.0500	2,792.70
10/19/2018	09.41.24	9,344	16.0500	149,971.20
10/19/2018	09.41.45	449	16.0200	7,192.98
10/19/2018	09.41.46	1,248	16.0200	19,992.96
10/19/2018	09.41.52	8,303	16.0200	133,014.06
10/19/2018	09.42.03	6,802	16.0150	108,934.03
10/19/2018	09.42.03	1,248	16.0150	19,986.72
10/19/2018	09.42.48	9,760	16.0100	156,257.60
10/19/2018	09.42.48	240	16.0100	3,842.40
10/19/2018	09.42.58	10,000	16.0050	160,050.00
10/19/2018	09.42.58	1,821	16.0050	29,145.11
10/19/2018	09.42.58	179	16.0050	2,864.90
10/19/2018	09.43.00	868	16.0000	13,888.00
10/19/2018	09.43.00	300	16.0000	4,800.00
10/19/2018	09.43.00	600	16.0000	9,600.00
10/19/2018	09.43.00	441	16.0000	7,056.00
10/19/2018	09.43.00	372	16.0000	5,952.00
10/19/2018	09.43.00	300	16.0000	4,800.00
10/19/2018	09.43.00	900	16.0000	14,400.00
10/19/2018	09.43.00	600	16.0000	9,600.00
10/19/2018	09.43.00	708	16.0000	11,328.00
10/19/2018	09.43.00	4,911	16.0000	78,576.00
10/19/2018	09.47.23	53	16.0100	848.53
10/19/2018	09.47.23	144	16.0050	2,304.72
10/19/2018	09.47.23	3,932	16.0100	62,951.32

Date	Time	Quantity	Price	Amount
10/19/2018	09.47.23	600	16.0100	9,606.00
10/19/2018	09.47.23	72	16.0050	1,152.36
10/19/2018	09.47.23	415	16.0100	6,644.15
10/19/2018	09.47.27	70	16.0000	1,120.00
10/19/2018	09.47.27	2,368	16.0050	37,899.84
10/19/2018	09.47.27	2,416	16.0050	38,668.08
10/19/2018	09.48.30	478	16.0100	7,652.78
10/19/2018	09.48.30	854	16.0100	13,672.54
10/19/2018	09.48.30	396	16.0100	6,339.96
10/19/2018	09.48.30	750	16.0100	12,007.50
10/19/2018	09.48.30	600	16.0100	9,606.00
10/19/2018	09.48.30	1,800	16.0100	28,818.00
10/19/2018	09.48.41	122	16.0100	1,953.22
10/19/2018	09.49.32	263	16.0000	4,208.00
10/19/2018	09.56.10	448	16.0150	7,174.72
10/19/2018	09.56.10	479	16.0150	7,671.19
10/19/2018	09.56.10	1,026	16.0150	16,431.39
10/19/2018	09.56.10	1,021	16.0150	16,351.32
10/19/2018	09.56.10	600	16.0150	9,609.00
10/19/2018	09.56.10	226	16.0150	3,619.39
10/19/2018	09.56.10	600	16.0150	9,609.00
10/19/2018	09.56.10	600	16.0150	9,609.00
10/19/2018	10.00.00	580	16.0050	9,282.90
10/19/2018	10.00.00	30	16.0050	480.15
10/19/2018	10.00.00	1,249	16.0050	19,990.25
10/19/2018	10.00.00	206	16.0050	3,297.03
10/19/2018	10.00.00	2,366	16.0050	37,867.83
10/19/2018	10.00.00	511	16.0050	8,178.56
10/19/2018	10.00.03	58	16.0050	928.29
10/19/2018	10.00.12	168	16.0000	2,688.00
10/19/2018	10.00.42	2,582	16.0000	41,312.00
10/19/2018	10.00.42	917	16.0000	14,672.00
10/19/2018	10.00.42	300	16.0000	4,800.00
10/19/2018	10.00.42	600	16.0000	9,600.00
10/19/2018	10.00.42	300	16.0000	4,800.00
10/19/2018	10.00.42	600	16.0000	9,600.00
10/19/2018	15.44.01	6,835	16.0100	109,428.35
10/19/2018	15.44.01	799	16.0100	12,791.99
10/19/2018	15.44.01	600	16.0100	9,606.00
10/19/2018	15.44.01	1,166	16.0100	18,667.66
10/19/2018	15.44.01	600	16.0100	9,606.00
10/19/2018	15.44.15	870	16.0050	13,924.35
10/19/2018	15.44.15	820	16.0050	13,124.10
10/19/2018	15.44.15	1,730	16.0050	27,688.65
10/19/2018	15.44.15	600	16.0050	9,603.00
10/19/2018	15.44.15	1,000	16.0050	16,005.00

Date	Time	Quantity	Price	Amount
10/19/2018	15.46.42	564	16.0300	9,040.92
10/19/2018	15.47.44	9,436	16.0300	151,259.08
10/19/2018	16.09.02	11	16.0250	176.28
10/19/2018	16.18.26	492	16.0200	7,881.84
10/19/2018	16.18.26	735	16.0200	11,774.70
10/19/2018	16.18.26	621	16.0200	9,948.42
10/19/2018	16.18.26	476	16.0200	7,625.52
10/19/2018	16.18.26	500	16.0200	8,010.00
10/19/2018	16.18.26	1,200	16.0200	19,224.00
10/19/2018	16.18.26	500	16.0200	8,010.00
10/19/2018	16.18.26	500	16.0200	8,010.00
10/19/2018	16.18.26	500	16.0200	8,010.00
10/19/2018	16.18.26	800	16.0200	12,816.00
10/19/2018	16.18.26	564	16.0200	9,035.28
10/19/2018	16.18.26	3,112	16.0200	49,854.24
10/19/2018	16.18.26	1,101	16.0250	17,643.53
10/19/2018	16.18.26	1,504	16.0250	24,101.60
10/19/2018	16.18.26	283	16.0250	4,535.08
10/19/2018	16.18.26	600	16.0250	9,615.00
10/19/2018	16.18.26	1,613	16.0250	25,848.33
10/19/2018	16.18.26	600	16.0250	9,615.00
10/19/2018	16.18.26	8,724	16.0250	139,802.10
10/19/2018	16.18.26	564	16.0250	9,038.10
10/19/2018	16.18.27	650	16.0050	10,403.25
10/19/2018	16.18.27	1,941	16.0050	31,065.71
10/19/2018	16.22.24	872	16.0100	13,960.72
10/19/2018	16.22.24	857	16.0100	13,720.57
10/19/2018	16.22.24	820	16.0100	13,128.20
10/19/2018	16.22.53	200	16.0100	3,202.00
10/19/2018	16.26.33	722	16.0100	11,559.22
10/19/2018	16.26.33	600	16.0100	9,606.00
10/19/2018	16.26.33	600	16.0100	9,606.00
10/19/2018	16.26.33	600	16.0100	9,606.00
10/19/2018	16.26.34	200	16.0100	3,202.00
10/19/2018	16.26.34	410	16.0100	6,564.10
10/19/2018	16.26.34	500	16.0100	8,005.00
10/19/2018	16.26.34	447	16.0100	7,156.47
10/19/2018	16.26.34	1,471	16.0100	23,550.71
10/19/2018	16.26.34	820	16.0100	13,128.20
10/19/2018	16.26.34	337	16.0100	5,395.37
10/19/2018	16.26.47	544	16.0100	8,709.44
10/19/2018	16.27.52	820	16.0050	13,124.10
10/19/2018	16.27.52	1,570	16.0050	25,127.85
10/19/2018	16.27.52	2,073	16.0050	33,178.37
10/19/2018	16.27.52	316	16.0050	5,057.58
10/19/2018	16.28.08	346	16.0050	5,537.73

Date	Time	Quantity	Price	Amount
10/19/2018	16.28.08	500	16.0050	8,002.50
10/19/2018	16.28.08	19	16.0050	304.10
10/19/2018	16.28.08	1,257	16.0050	20,118.29
10/19/2018	16.28.08	820	16.0050	13,124.10
10/19/2018	16.28.16	321	16.0050	5,137.61
10/19/2018	16.28.16	342	16.0050	5,473.71
10/19/2018	16.38.10	1,933	16.0050	30,937.67
10/19/2018	16.38.10	564	16.0050	9,026.82
10/19/2018	16.38.29	171	16.0050	2,736.86
10/19/2018	16.41.16	550	16.0050	8,802.75
10/19/2018	16.41.16	272	16.0050	4,353.36
10/19/2018	16.41.16	300	16.0050	4,801.50
10/19/2018	16.41.16	215	16.0050	3,441.08
10/19/2018	16.45.07	12	16.0050	192.06
10/19/2018	16.45.07	600	16.0050	9,603.00
10/19/2018	16.45.07	600	16.0050	9,603.00
10/19/2018	16.45.07	564	16.0050	9,026.82
10/19/2018	16.45.36	700	16.0050	11,203.50
10/19/2018	16.54.19	336	16.0100	5,379.36
10/19/2018	16.54.24	138	16.0100	2,209.38
10/19/2018	16.54.34	343	16.0050	5,489.72
10/19/2018	16.54.34	447	16.0100	7,156.47
10/19/2018	16.54.34	3,121	16.0100	49,967.21
10/19/2018	16.54.34	584	16.0100	9,349.84
10/19/2018	16.54.34	374	16.0100	5,987.74
10/19/2018	16.55.14	329	16.0100	5,267.29
10/19/2018	16.59.10	922	16.0100	14,761.22
10/19/2018	16.59.10	1,348	16.0100	21,581.48
10/19/2018	16.59.10	300	16.0100	4,803.00
10/19/2018	16.59.10	600	16.0100	9,606.00
10/19/2018	16.59.10	1,254	16.0100	20,076.54
10/19/2018	16.59.10	185	16.0100	2,961.85
10/19/2018	16.59.26	62	16.0100	992.62
10/19/2018	17.03.18	4,487	16.0100	71,836.87
10/19/2018	17.03.47	9	16.0100	144.09
10/19/2018	17.03.47	970	16.0100	15,529.70
10/19/2018	17.03.47	558	16.0100	8,933.58
10/19/2018	17.03.47	970	16.0100	15,529.70
10/19/2018	17.03.47	558	16.0100	8,933.58
10/19/2018	17.03.47	599	16.0100	9,589.99
10/19/2018	17.03.47	167	16.0100	2,673.67
10/19/2018	17.03.47	620	16.0100	9,926.20
10/19/2018	17.04.55	459	16.0100	7,348.59
10/19/2018	17.04.55	300	16.0100	4,803.00
10/19/2018	17.04.55	303	16.0100	4,851.03
10/19/2018	17.06.21	600	16.0050	9,603.00



Date	Time	Quantity	Price	Amount
10/19/2018	17.06.21	296	16.0050	4,737.48
10/19/2018	17.06.21	471	16.0050	7,538.36
10/19/2018	17.06.21	163	16.0050	2,608.82
10/19/2018	17.06.36	240	16.0050	3,841.20
10/19/2018	17.06.36	651	16.0050	10,419.26
10/19/2018	17.06.39	1,086	16.0050	17,381.43
10/19/2018	17.06.39	438	16.0050	7,010.19
10/19/2018	17.06.41	1,323	16.0050	21,174.62
10/19/2018	17.06.41	149	16.0050	2,384.75
10/19/2018	17.06.41	300	16.0050	4,801.50
10/19/2018	17.06.41	550	16.0050	8,802.75
10/19/2018	17.06.41	3,748	16.0050	59,986.74
10/19/2018	17.06.50	762	16.0050	12,195.81
10/19/2018	17.06.50	853	16.0050	13,652.27
10/19/2018	17.06.50	551	16.0050	8,818.76
10/19/2018	17.07.00	1,917	16.0000	30,672.00
10/19/2018	17.08.15	1,031	16.0000	16,496.00
10/19/2018	17.08.15	300	16.0000	4,800.00
10/19/2018	17.08.15	270	16.0000	4,320.00
10/19/2018	17.08.15	600	16.0000	9,600.00
10/19/2018	17.08.15	65	16.0000	1,040.00
10/19/2018	17.10.10	80	16.0000	1,280.00
10/19/2018	17.10.59	300	16.0000	4,800.00
10/19/2018	17.10.59	600	16.0000	9,600.00
10/19/2018	17.10.59	600	16.0000	9,600.00
10/19/2018	17.14.57	237	16.0100	3,794.37
10/19/2018	17.17.55	7,552	16.0000	120,832.00
10/19/2018	17.18.56	1,448	16.0000	23,168.00