

Barge ID	Barge Number	UOM	Gauge Type	Date Strapped	Strapped By	Comment
MAP	616	BARRELS	INNAGE	08/25/04	INSPECTORATE	BARGE SHOULD BE ON EVEN LEVEL KEEL WHEN GAUGES ARE TAKEN.

Barge ID	Barge Number	Comp	Gauge Height
MAP	616	1 PORT	186.000
MAP	616	1 STAR	186.250
MAP	616	2 PORT	185.750
MAP	616	2 STAR	186.000
MAP	616	3 PORT	185.750
MAP	616	3 STAR	185.750

MAP 616

PORT 1

	0 FT	1 FT	2 FT	3 FT	4 FT	5 FT	6 FT	7 FT	8 FT	9 FT	10 FT	11 FT	12 FT	13 FT	14 FT
0	17.16	340.48	702.82	1069.49	1436.17	1802.84	2169.51	2536.18	2902.95	3269.53	3636.20	4002.87	4369.54	4738.21	5102.89
1/4	22.02	347.81	710.46	1077.13	1443.81	1810.48	2177.15	2543.82	2910.48	3277.15	3643.84	4010.51	4377.18	4743.85	5109.97
1/2	26.87	355.15	718.10	1084.77	1451.44	1818.12	2184.79	2551.46	2918.13	3284.80	3651.48	4018.15	4384.82	4751.49	5117.05
3/4	31.73	362.48	725.74	1092.41	1459.08	1825.75	2192.43	2559.10	2925.77	3292.44	3659.12	4025.79	4392.46	4759.13	5124.13
1	36.59	369.81	733.38	1100.05	1466.72	1833.39	2200.07	2566.74	2933.41	3300.08	3666.75	4033.43	4400.10	4766.77	5131.21
1/4	42.75	377.15	741.02	1107.69	1474.37	1841.03	2207.70	2574.38	2941.05	3307.72	3674.39	4041.07	4407.74	4774.41	5137.05
1/2	48.90	384.66	748.66	1115.33	1482.00	1848.67	2215.34	2582.02	2948.69	3315.36	3682.03	4048.70	4415.38	4782.05	5142.90
3/4	55.49	391.82	756.30	1122.97	1489.64	1856.31	2222.98	2589.66	2956.33	3323.00	3689.67	4056.34	4423.02	4789.69	5148.75
2	62.07	399.15	763.93	1130.61	1497.28	1863.95	2230.62	2597.29	2963.97	3330.64	3697.31	4063.98	4430.65	4797.33	5154.59
1/4	68.78	406.61	771.57	1138.25	1504.92	1871.59	2238.26	2604.93	2971.61	3338.28	3704.95	4071.62	4438.29	4804.97	5159.41
1/2	75.49	414.07	779.21	1145.88	1512.56	1879.23	2245.90	2612.57	2979.24	3345.92	3712.59	4079.26	4445.93	4812.60	5164.22
3/4	82.20	421.52	786.85	1153.52	1520.19	1886.87	2253.54	2620.21	2986.88	3353.56	3720.23	4086.90	4453.57	4820.24	5169.03
3	88.91	428.98	794.49	1161.16	1527.83	1894.51	2261.18	2627.85	2994.52	3361.19	3727.87	4094.54	4461.21	4827.88	5173.84
1/4	95.63	436.44	802.13	1168.80	1535.47	1902.14	2268.82	2635.49	3002.16	3368.83	3735.51	4102.18	4468.85	4835.52	5177.52
1/2	102.34	443.90	809.77	1176.44	1543.11	1909.78	2276.46	2643.13	3009.80	3376.47	3743.14	4109.82	4476.49	4843.16	5181.20
3/4	109.05	451.30	817.41	1184.08	1550.75	1917.42	2284.09	2650.77	3017.44	3384.11	3750.78	4117.46	4484.13	4850.80	5184.88
4	115.76	458.81	825.05	1191.72	1558.39	1925.06	2291.73	2658.41	3025.08	3391.75	3758.42	4125.09	4491.77	4858.44	5188.56
1/4	122.59	466.40	832.69	1199.36	1566.03	1932.70	2299.37	2666.05	3032.72	3399.39	3766.06	4132.73	4499.41	4866.08	5191.11
1/2	129.43	473.98	840.32	1207.00	1573.67	1940.34	2307.01	2673.68	3040.36	3407.03	3773.70	4140.37	4507.04	4873.72	5193.65
3/4	136.26	481.57	847.96	1214.64	1581.31	1947.98	2314.65	2681.32	3048.00	3414.67	3781.34	4148.01	4514.68	4881.36	5196.20
5	143.10	489.15	855.60	1222.27	1588.95	1955.62	2322.29	2688.96	3055.63	3422.31	3788.98	4155.65	4522.32	4888.99	5198.75
1/4	149.93	496.73	863.24	1229.91	1596.58	1963.26	2329.93	2696.60	3063.27	3429.95	3796.65	4163.29	4529.96	4896.63	5200.16
1/2	156.77	504.32	870.88	1237.55	1604.22	1970.90	2337.57	2704.24	3070.91	3437.58	3804.26	4170.93	4537.60	4904.27	5201.58
3/4	163.60	511.90	878.52	1245.19	1611.86	1978.53	2345.21	2711.52	3078.55	3445.22	3811.90	4178.57	4545.24	4911.91	5203.00
6	170.44	519.49	886.16	1252.83	1619.50	1986.17	2352.85	2719.88	3086.19	3452.86	3819.53	4186.21	4552.88	4919.55	5204.41
1/4	177.40	527.13	893.80	1260.47	1627.14	1993.81	2360.48	2727.16	3093.83	3460.50	3827.17	4193.85	4560.52	4927.19	5204.84
1/2	184.36	534.76	901.44	1268.11	1634.78	2001.45	2368.12	2734.80	3101.47	3468.14	3834.81	4201.48	4568.16	4934.83	5205.26
3/4	191.32	542.40	909.08	1275.75	1642.42	2009.09	2375.76	2742.44	3109.11	3475.78	3842.45	4209.12	4575.80	4942.47	5205.68
7	198.28	550.04	916.71	1283.93	1650.06	2016.73	2383.40	2750.07	3116.75	3483.42	3850.09	4216.76	4583.43	4950.11	
1/4	205.24	557.68	924.35	1291.03	1657.70	2024.37	2391.04	2757.71	3124.39	3491.06	3857.73	4224.40	4591.07	4957.75	
1/2	212.20	565.32	931.99	1298.66	1665.34	2032.01	2398.68	2765.35	3132.02	3498.70	3865.37	4232.04	4598.71	4965.38	
3/4	219.17	572.96	939.63	1306.30	1672.97	2039.65	2406.32	2772.99	3139.66	3506.34	3873.01	4239.68	4606.35	4973.02	
8	226.13	580.60	947.27	1313.94	1680.61	2047.29	2413.96	2780.63	3147.30	3513.97	3880.65	4247.32	4613.99	4980.66	
1/4	233.21	588.24	954.91	1321.58	1688.25	2054.92	2421.60	2788.27	3154.94	3521.61	3888.29	4254.96	4621.63	4988.30	
1/2	240.30	595.88	962.55	1329.22	1696.89	2062.56	2429.24	2795.91	3162.58	3529.25	3895.92	4262.60	4629.27	4995.94	
3/4	247.38	603.52	970.19	1336.86	1703.53	2070.20	2436.87	2803.55	3170.22	3536.89	3903.56	4270.24	4636.94	5003.58	
9	254.49	611.15	977.83	1344.50	1711.17	2077.84	2444.51	2811.19	3177.86	3544.53	3911.20	4277.87	4644.55	5011.22	
1/4	261.55	618.79	985.47	1352.14	1718.81	2085.48	2452.15	2818.83	3185.50	3552.17	3918.85	4285.51	4652.19	5018.82	
1/2	268.64	626.43	993.10	1359.78	1726.45	2093.12	2459.79	2826.46	3193.14	3559.81	3926.48	4293.15	4659.82	5026.50	
3/4	275.72	634.07	1000.74	1367.42	1734.09	2100.76	2467.43	2834.10	3200.78	3567.45	3934.12	4300.79	4667.46	5034.14	
10	282.81	641.71	1008.38	1375.05	1741.73	2108.40	2475.07	2841.74	3208.41	3575.09	3941.76	4308.43	4675.10	5041.77	
1/4	290.02	649.35	1016.02	1382.69	1749.36	2116.04	2482.71	2849.38	3216.05	3582.73	3949.40	4316.07	4682.74	5049.41	
1/2	297.22	656.99	1023.66	1390.33	1757.00	2123.69	2490.35	2857.02	3223.69	3590.36	3957.04	4323.71	4690.38	5057.05	
3/4	304.43	664.63	1031.30	1397.97	1764.64	2131.31	2497.99	2864.86	3231.33	3598.00	3964.68	4331.35	4698.02	5064.69	
11	311.64	672.27	1038.94	1405.61	1772.28	2138.95	2505.63	2872.30	3238.97	3605.64	3972.31	4338.99	4705.66	5072.33	
1/4	318.65	679.91	1046.58	1413.25	1779.92	2148.59	2513.26	2879.94	3246.61	3613.28	3979.95	4346.63	4713.20	5079.97	
1/2	326.06	687.54	1054.22	1420.89	1787.56	2154.23	2520.90	2887.58	3254.25	3620.92	3987.59	4354.26	4720.94	5087.61	
3/4	333.27	695.18	1061.86	1428.53	1795.20	2161.87	2528.54	2895.22	3261.89	3628.56	3995.23	4361.90	4728.58	5095.25	

MAP 616

STAR 1

	0 FT	1 FT	2 FT	3 FT	4 FT	5 FT	6 FT	7 FT	8 FT	9 FT	10 FT	11 FT	12 FT	13 FT	14 FT
0	17.16	340.48	702.82	1069.49	1438.17	1802.84	2169.51	2536.18	2902.95	3269.53	3636.20	4002.87	4369.54	4738.21	5102.89
1/4	22.02	347.81	710.46	1077.13	1443.81	1810.48	2177.15	2543.82	2910.49	3277.15	3643.84	4010.51	4377.18	4743.85	5109.97
1/2	26.87	355.15	718.10	1084.77	1451.44	1818.12	2184.79	2551.46	2918.13	3284.80	3651.48	4018.15	4384.82	4751.49	5117.05
3/4	31.73	362.48	725.74	1092.41	1459.08	1825.75	2192.43	2559.10	2925.77	3292.44	3659.12	4025.79	4392.46	4759.13	5124.13
1	36.59	369.81	733.38	1100.05	1466.72	1833.39	2200.07	2566.74	2933.41	3300.08	3666.75	4033.43	4400.10	4766.77	5131.21
1/4	42.75	377.15	741.02	1107.69	1474.03	1841.03	2207.70	2574.38	2941.05	3307.72	3674.39	4041.07	4407.74	4774.41	5137.05
1/2	48.90	384.48	748.66	1115.33	1482.00	1848.67	2215.34	2582.02	2948.69	3315.36	3682.03	4048.70	4415.38	4782.05	5142.90
3/4	55.49	391.82	756.30	1122.97	1488.64	1856.31	2222.98	2589.66	2956.33	3323.00	3689.67	4056.34	4423.02	4789.69	5148.75
2	62.07	399.15	763.93	1130.61	1497.28	1863.95	2230.62	2597.29	2963.97	3330.64	3697.31	4063.98	4430.65	4797.33	5154.59
1/4	68.78	406.61	771.57	1138.25	1504.92	1871.59	2238.26	2604.93	2971.61	3338.28	3704.95	4071.62	4438.29	4804.97	5159.41
1/2	75.49	414.07	779.21	1145.88	1512.56	1879.23	2245.90	2612.57	2979.24	3345.92	3712.59	4079.26	4445.93	4812.60	5164.22
3/4	82.20	421.52	786.85	1153.52	1520.19	1886.87	2253.54	2620.21	2986.88	3353.56	3720.23	4086.90	4453.57	4820.24	5169.03
3	88.91	428.98	794.49	1161.16	1527.83	1894.51	2261.18	2627.85	2994.52	3361.19	3727.87	4094.54	4461.21	4827.88	5173.84
1/4	95.63	436.44	802.13	1168.80	1535.47	1902.14	2268.82	2635.49	3002.16	3368.83	3735.51	4102.18	4468.85	4835.52	5177.52
1/2	102.34	443.90	809.77	1176.44	1543.11	1909.78	2276.46	2643.13	3009.80	3376.47	3743.14	4109.82	4476.49	4843.16	5181.20
3/4	109.05	451.30	817.41	1184.08	1550.75	1917.42	2284.09	2650.77	3017.44	3384.11	3750.78	4117.46	4484.13	4850.80	5184.88
4	115.76	458.81	825.05	1191.72	1558.39	1925.06	2291.73	2658.41	3025.08	3391.75	3758.42	4125.09	4491.77	4858.44	5188.56
1/4	122.59	466.40	832.69	1199.36	1566.03	1932.70	2299.37	2666.05	3032.72	3399.39	3766.06	4132.73	4499.41	4866.08	5191.11
1/2	129.43	473.98	840.32	1207.00	1573.67	1940.34	2307.01	2673.68	3040.36	3407.03	3773.70	4140.37	4507.04	4873.72	5193.65
3/4	136.26	481.57	847.96	1214.64	1581.31	1947.98	2314.65	2681.32	3048.00	3414.67	3781.34	4148.01	4514.68	4881.36	5196.20
5	143.10	489.15	855.60	1222.27	1588.95	1955.62	2322.29	2688.96	3055.63	3422.31	3788.98	4155.65	4522.32	4888.99	5198.75
1/4	149.93	496.73	863.24	1229.91	1596.58	1963.26	2329.96	2696.60	3063.27	3429.95	3796.65	4163.29	4529.96	4896.63	5200.16
1/2	156.77	504.32	870.88	1237.55	1604.22	1970.90	2337.57	2704.24	3070.91	3437.58	3804.26	4170.93	4537.60	4904.27	5201.58
3/4	163.60	511.90	878.52	1245.19	1611.86	1978.53	2345.21	2711.88	3078.55	3445.22	3811.90	4178.57	4545.24	4911.91	5203.00
6	170.44	519.49	886.16	1252.83	1619.50	1986.17	2352.85	2719.52	3086.19	3452.86	3819.53	4186.21	4552.88	4919.55	5204.41
1/4	177.40	527.13	893.80	1260.47	1627.14	1993.81	2360.48	2727.16	3093.83	3460.50	3827.17	4193.85	4560.52	4927.19	5204.84
1/2	184.36	534.76	901.44	1268.11	1634.78	2001.45	2368.12	2734.80	3101.47	3468.14	3834.81	4201.48	4568.16	4934.83	5205.26
3/4	191.32	542.40	909.08	1275.75	1642.42	2009.09	2375.76	2742.44	3109.11	3475.78	3842.45	4209.12	4575.80	4942.47	5205.68
7	198.28	550.04	916.71	1283.93	1650.06	2016.73	2383.40	2750.07	3116.75	3483.42	3850.09	4216.76	4583.43	4950.11	
1/4	205.24	557.68	924.35	1291.03	1657.70	2024.37	2391.04	2757.71	3124.39	3491.06	3857.73	4224.40	4591.07	4957.75	
1/2	212.20	565.32	931.99	1298.66	1665.34	2032.01	2398.68	2765.35	3132.02	3498.70	3865.37	4232.04	4598.71	4965.38	
3/4	219.17	572.96	939.63	1306.30	1672.97	2039.65	2406.32	2772.99	3139.66	3506.34	3873.01	4239.68	4606.35	4973.02	
8	226.13	580.60	947.27	1313.94	1680.61	2047.29	2413.96	2780.63	3147.30	3513.97	3880.65	4247.32	4613.99	4980.66	
1/4	233.21	588.24	954.91	1321.58	1688.25	2054.92	2421.60	2788.27	3154.94	3521.61	3888.29	4254.96	4621.63	4988.30	
1/2	240.30	595.88	962.55	1329.22	1695.89	2062.56	2429.24	2795.91	3162.58	3529.25	3895.92	4262.60	4629.27	4995.94	
3/4	247.38	603.52	970.19	1336.86	1703.53	2070.20	2436.87	2803.55	3170.22	3536.89	3903.56	4270.24	4636.94	5003.58	
9	254.49	611.15	977.83	1344.50	1711.17	2077.84	2444.51	2811.19	3177.86	3544.53	3911.20	4277.87	4644.55	5011.22	
1/4	261.55	618.79	985.47	1352.14	1718.81	2085.48	2452.15	2818.83	3185.50	3552.17	3918.85	4285.51	4652.19	5018.85	
1/2	268.64	626.43	993.10	1359.78	1726.45	2093.12	2459.79	2826.46	3193.14	3559.81	3926.48	4293.14	4659.82	5026.50	
3/4	275.72	634.07	1000.74	1367.42	1734.09	2100.76	2467.43	2834.10	3200.78	3567.45	3934.12	4300.79	4667.46	5034.14	
10	282.81	641.71	1008.38	1375.05	1741.73	2108.40	2475.07	2841.74	3208.41	3575.09	3941.76	4308.43	4675.10	5041.77	
1/4	290.02	649.35	1016.02	1382.69	1749.36	2116.04	2482.71	2849.38	3216.05	3582.73	3949.40	4316.07	4682.74	5049.41	
1/2	297.22	656.99	1023.66	1390.33	1757.00	2123.69	2490.35	2857.02	3223.69	3590.36	3957.04	4323.71	4690.38	5057.05	
3/4	304.43	664.63	1031.30	1397.97	1764.64	2131.31	2497.93	2864.86	3231.33	3598.00	3964.68	4331.35	4698.02	5064.69	
11	311.64	672.27	1038.94	1405.61	1772.28	2138.95	2505.63	2872.30	3238.97	3605.64	3972.31	4338.99	4705.66	5072.33	
1/4	318.85	679.91	1046.58	1413.25	1779.92	2148.59	2513.26	2879.94	3246.61	3613.28	3979.95	4346.63	4713.20	5079.97	
1/2	326.06	687.54	1054.22	1420.89	1787.56	2154.23	2520.90	2887.58	3254.25	3620.92	3987.59	4354.26	4720.84	5087.61	
3/4	333.27	695.18	1061.86	1428.53	1795.20	2161.87	2528.54	2895.22	3261.89	3628.56	3995.23	4361.90	4728.58	5095.25	

MAP 616

PORT 2

	0 FT	1 FT	2 FT	3 FT	4 FT	5 FT	6 FT	7 FT	8 FT	9 FT	10 FT	11 FT	12 FT	13 FT	14 FT
0	16.37	351.39	696.09	1,040.58	1,385.08	1,729.58	2,074.07	2,418.57	2,763.06	3,107.58	3,452.06	3,796.55	4,141.05	4,485.54	4,827.37
1/4	21.49	358.77	703.27	1,047.76	1,392.26	1,736.75	2,081.25	2,425.75	2,770.24	3,114.74	3,459.23	3,803.73	4,148.23	4,492.72	4,833.96
1/2	26.61	365.95	710.44	1,054.94	1,399.43	1,743.93	2,088.43	2,432.92	2,777.42	3,121.91	3,466.41	3,810.94	4,155.40	4,499.90	4,840.55
3/4	31.73	373.12	717.62	1,062.12	1,406.61	1,751.11	2,095.60	2,440.10	2,784.60	3,129.09	3,473.59	3,818.08	4,162.58	4,507.02	4,847.14
1	36.84	380.30	724.80	1,069.29	1,413.79	1,758.28	2,102.78	2,447.28	2,791.77	3,136.27	3,480.76	3,825.26	4,169.76	4,514.14	4,853.72
1/4	43.50	387.48	731.97	1,076.47	1,420.97	1,765.46	2,109.96	2,454.45	2,800.95	3,143.45	3,487.94	3,832.44	4,176.93	4,521.03	4,859.30
1/2	50.16	394.65	739.15	1,083.65	1,428.14	1,772.64	2,117.13	2,461.63	2,806.13	3,150.62	3,495.12	3,839.61	4,184.11	4,528.37	4,864.87
3/4	57.34	401.83	746.33	1,090.82	1,435.32	1,779.81	2,124.31	2,468.81	2,813.30	3,157.80	3,502.30	3,846.79	4,191.29	4,535.49	4,870.44
2	64.51	409.01	753.50	1,098.00	1,442.50	1,786.99	2,131.49	2,475.98	2,820.48	3,164.98	3,509.47	3,853.97	4,198.46	4,542.61	4,876.02
1/4	71.69	416.19	760.68	1,105.18	1,449.67	1,794.17	2,138.66	2,483.16	2,827.68	3,172.15	3,516.63	3,861.15	4,205.64	4,549.73	4,880.53
1/2	78.87	423.36	767.86	1,112.35	1,456.85	1,801.35	2,145.84	2,490.34	2,834.83	3,179.33	3,523.83	3,868.32	4,212.82	4,556.85	4,885.04
3/4	86.04	430.54	775.04	1,119.53	1,464.03	1,808.52	2,153.02	2,497.52	2,842.01	3,186.51	3,531.00	3,875.50	4,220.00	4,563.97	4,889.55
3	93.22	437.72	782.21	1,126.71	1,471.20	1,815.70	2,160.20	2,504.69	2,849.19	3,193.68	3,538.18	3,882.68	4,227.17	4,571.09	4,894.08
1/4	100.40	444.89	789.39	1,133.89	1,478.38	1,822.88	2,167.70	2,511.87	2,856.37	3,200.86	3,545.36	3,889.85	4,234.35	4,578.21	4,897.51
1/2	107.57	452.07	796.57	1,141.06	1,485.56	1,830.05	2,174.55	2,519.05	2,863.54	3,208.04	3,552.53	3,897.03	4,241.53	4,585.33	4,900.96
3/4	114.75	459.25	803.74	1,148.24	1,492.74	1,837.23	2,181.73	2,526.22	2,870.72	3,215.22	3,559.71	3,904.21	4,248.70	4,592.45	4,904.41
4	121.93	466.42	810.92	1,155.42	1,499.91	1,844.41	2,188.90	2,533.40	2,877.90	3,222.39	3,566.89	3,911.38	4,255.88	4,599.58	4,907.86
1/4	129.11	473.60	818.10	1,162.59	1,507.09	1,851.58	2,196.08	2,540.58	2,885.07	3,229.57	3,574.07	3,918.56	4,263.06	4,606.68	4,910.25
1/2	136.28	480.78	825.27	1,169.77	1,514.27	1,858.76	2,203.26	2,547.75	2,892.25	3,236.75	3,581.24	3,925.74	4,270.23	4,613.80	4,912.63
3/4	143.46	487.96	832.45	1,176.95	1,521.44	1,865.94	2,210.43	2,554.93	2,899.43	3,243.92	3,588.42	3,932.92	4,277.41	4,620.92	4,915.02
5	150.64	495.13	839.63	1,184.12	1,528.62	1,873.12	2,217.61	2,562.11	2,906.60	3,251.10	3,595.60	3,940.09	4,284.59	4,628.04	4,917.41
1/4	157.81	502.31	846.81	1,191.30	1,535.80	1,880.29	2,224.79	2,569.29	2,913.78	3,258.28	3,602.77	3,947.27	4,291.77	4,635.16	4,918.73
1/2	164.99	509.49	853.98	1,198.48	1,542.97	1,887.47	2,231.97	2,576.46	2,920.96	3,265.45	3,609.95	3,954.45	4,298.94	4,642.28	4,920.06
3/4	172.17	516.66	861.16	1,205.66	1,550.15	1,894.65	2,239.14	2,583.64	2,928.14	3,272.63	3,617.13	3,961.62	4,306.12	4,649.40	4,921.38
6	179.34	523.84	868.34	1,212.83	1,557.33	1,901.82	2,246.32	2,590.82	2,935.31	3,279.81	3,624.30	3,968.80	4,313.30	4,656.52	4,922.70
1/4	186.52	531.02	875.51	1,220.01	1,564.51	1,909.00	2,253.50	2,597.70	2,942.49	3,286.99	3,631.48	3,975.98	4,320.47	4,663.64	4,923.10
1/2	193.40	538.19	882.69	1,227.19	1,571.68	1,916.18	2,260.67	2,605.17	2,949.67	3,294.16	3,638.66	3,983.15	4,327.65	4,670.75	4,923.49
3/4	200.88	545.37	889.87	1,234.36	1,578.86	1,923.35	2,267.85	2,612.35	2,956.84	3,301.34	3,645.84	3,990.33	4,334.83	4,677.87	4,923.89
7	208.05	552.55	897.04	1,241.54	1,586.04	1,930.53	2,275.03	2,619.52	2,964.02	3,308.52	3,653.01	3,997.51	4,342.00	4,684.99	
1/4	215.23	559.73	904.22	1,248.72	1,593.21	1,937.71	2,282.20	2,626.70	2,971.20	3,315.69	3,660.19	4,004.69	4,349.18	4,692.11	
1/2	222.41	566.90	911.40	1,255.89	1,600.39	1,944.89	2,289.38	2,633.88	2,978.37	3,322.87	3,667.24	4,011.86	4,356.39	4,699.23	
3/4	229.58	574.08	916.58	1,263.07	1,607.57	1,952.06	2,296.56	2,641.06	2,985.55	3,330.05	3,674.54	4,019.04	4,363.54	4,706.35	
8	236.76	581.26	925.75	1,270.25	1,614.74	1,959.24	2,303.74	2,648.23	2,992.73	3,337.22	3,681.72	4,026.22	4,370.71	4,713.47	
1/4	243.94	588.43	932.93	1,277.43	1,621.92	1,966.42	2,310.91	2,655.41	2,999.91	3,344.40	3,688.90	4,033.39	4,377.89	4,720.59	
1/2	251.11	595.51	940.11	1,284.60	1,629.10	1,973.59	2,318.09	2,662.59	3,007.08	3,351.58	3,696.07	4,040.57	4,385.07	4,727.71	
3/4	258.29	602.79	947.28	1,291.78	1,636.27	1,980.77	2,325.27	2,669.76	3,014.26	3,358.76	3,703.25	4,047.75	4,392.24	4,734.83	
9	265.47	609.96	954.46	1,298.96	1,643.45	1,987.95	2,332.44	2,676.94	3,021.44	3,365.93	3,710.43	4,054.92	4,399.42	4,741.94	
1/4	272.65	617.14	961.64	1,306.13	1,650.63	1,995.12	2,339.62	2,684.12	3,026.61	3,373.11	3,717.61	4,062.10	4,406.60	4,749.06	
1/2	279.82	624.32	968.81	1,313.31	1,657.81	2,002.30	2,346.80	2,691.29	3,035.79	3,380.29	3,724.78	4,069.28	4,413.77	4,756.18	
3/4	287.00	631.50	975.99	1,320.49	1,664.98	2,009.48	2,353.97	2,698.47	3,042.97	3,387.46	3,731.96	4,076.46	4,420.95	4,763.30	
10	294.18	638.67	983.17	1,327.66	1,672.16	2,016.66	2,361.15	2,705.65	3,050.14	3,394.64	3,739.14	4,083.63	4,428.13	4,770.42	
1/4	301.35	645.85	990.35	1,334.84	1,679.34	2,023.83	2,368.33	2,712.83	3,057.32	3,401.82	3,746.31	4,090.81	4,435.31	4,777.54	
1/2	308.53	653.03	997.52	1,342.02	1,686.51	2,031.01	2,375.01	2,720.00	3,064.50	3,408.99	3,753.49	4,097.99	4,442.48	4,784.66	
3/4	315.71	660.20	1,004.70	1,349.20	1,693.69	2,038.19	2,382.68	2,727.18	3,071.68	3,416.17	3,760.67	4,105.16	4,449.66	4,791.76	
11	322.88	667.38	1,011.88	1,356.37	1,700.87	2,045.36	2,389.86	2,734.36	3,078.85	3,423.35	3,767.84	4,112.34	4,456.84	4,798.90	
1/4	330.06	674.56	1,019.05	1,363.54	1,708.04	2,052.54	2,397.04	2,741.53	3,086.03	3,430.53	3,775.02	4,119.52	4,464.01	4,806.02	
1/2	337.24	681.73	1,026.23	1,370.73	1,715.22	2,059.72	2,404.21	2,748.71	3,093.21	3,437.70	3,782.20	4,126.69	4,471.19	4,813.13	
3/4	344.42	688.91	1,033.41	1,377.90	1,722.40	2,066.89	2,411.39	2,755.89	3,100.38	3,444.88	3,789.38	4,133.87	4,478.37	4,820.25	

MAP 616

STAR 2

	0 FT	1 FT	2 FT	3 FT	4 FT	5 FT	6 FT	7 FT	8 FT	9 FT	10 FT	11 FT	12 FT	13 FT	14 FT
0	16.37	351.39	696.09	1,040.58	1,385.08	1,729.58	2,074.07	2,418.57	2,763.06	3,107.58	3,452.06	3,796.55	4,141.05	4,485.54	4,827.37
1/4	21.49	358.77	703.27	1,047.76	1,392.26	1,736.75	2,081.25	2,425.75	2,770.24	3,114.74	3,459.23	3,803.73	4,148.23	4,492.72	4,833.96
1/2	26.61	365.95	710.44	1,054.94	1,399.43	1,743.93	2,088.43	2,432.92	2,777.42	3,121.91	3,466.41	3,810.94	4,155.40	4,499.90	4,840.55
3/4	31.73	373.12	717.62	1,062.12	1,406.61	1,751.11	2,095.60	2,440.10	2,784.60	3,129.09	3,473.59	3,818.08	4,162.58	4,507.02	4,847.14
1	36.84	380.30	724.80	1,069.29	1,413.79	1,758.28	2,102.78	2,447.28	2,791.77	3,136.27	3,480.76	3,825.26	4,169.76	4,514.14	4,853.72
1/4	43.50	387.48	731.97	1,076.47	1,420.97	1,765.46	2,109.96	2,454.45	2,798.95	3,143.45	3,487.94	3,832.44	4,176.93	4,521.03	4,859.30
1/2	50.16	394.65	739.15	1,083.65	1,428.14	1,772.64	2,117.13	2,461.63	2,806.13	3,150.62	3,495.12	3,839.61	4,184.11	4,528.37	4,864.87
3/4	57.34	401.83	746.33	1,090.82	1,435.32	1,779.81	2,124.31	2,468.81	2,813.30	3,157.80	3,502.30	3,846.79	4,191.29	4,535.49	4,870.44
2	64.51	409.01	753.50	1,098.00	1,442.50	1,786.99	2,131.49	2,475.98	2,820.48	3,164.98	3,509.47	3,853.97	4,198.46	4,542.61	4,876.02
1/4	71.69	416.19	760.68	1,105.18	1,449.67	1,794.17	2,138.66	2,483.16	2,827.68	3,172.15	3,516.63	3,861.15	4,205.64	4,549.73	4,880.53
1/2	78.87	423.36	767.86	1,112.35	1,456.85	1,801.35	2,145.84	2,490.34	2,834.83	3,179.33	3,523.83	3,868.32	4,212.82	4,556.85	4,885.04
3/4	86.04	430.54	775.04	1,119.53	1,464.03	1,808.52	2,153.02	2,497.52	2,842.01	3,186.51	3,531.00	3,875.50	4,220.00	4,563.97	4,889.55
3	93.22	437.72	782.21	1,126.71	1,471.20	1,815.15	2,162.20	2,504.69	2,849.19	3,193.68	3,538.18	3,882.68	4,227.17	4,571.09	4,894.08
1/4	100.40	444.89	789.39	1,133.89	1,478.38	1,822.88	2,167.70	2,511.87	2,856.37	3,200.86	3,545.36	3,889.85	4,234.35	4,578.21	4,897.51
1/2	107.57	452.07	796.57	1,141.06	1,485.56	1,830.05	2,174.55	2,519.05	2,863.54	3,208.04	3,552.53	3,897.03	4,241.53	4,585.33	4,900.96
3/4	114.75	459.25	803.74	1,148.24	1,492.74	1,837.23	2,181.73	2,526.22	2,870.72	3,215.22	3,559.71	3,904.21	4,248.70	4,592.45	4,904.41
4	121.93	466.42	810.92	1,155.42	1,499.91	1,844.41	2,188.90	2,533.40	2,877.90	3,222.39	3,566.89	3,911.38	4,255.88	4,599.58	4,907.86
1/4	129.11	473.60	818.10	1,162.59	1,507.09	1,851.58	2,196.08	2,540.58	2,885.07	3,229.57	3,574.07	3,918.56	4,263.06	4,606.68	4,910.25
1/2	136.28	480.78	825.27	1,169.77	1,514.27	1,858.76	2,203.26	2,547.75	2,892.25	3,236.75	3,581.24	3,925.74	4,270.23	4,613.80	4,912.63
3/4	143.46	487.96	832.45	1,176.95	1,521.44	1,865.94	2,210.43	2,554.93	2,899.43	3,243.92	3,588.42	3,932.92	4,277.41	4,620.92	4,915.02
5	150.64	495.13	839.63	1,184.12	1,528.62	1,873.12	2,217.61	2,562.11	2,906.60	3,251.10	3,595.60	3,940.09	4,284.59	4,628.04	4,917.41
1/4	157.81	502.31	846.81	1,191.30	1,535.80	1,880.29	2,224.79	2,569.29	2,913.78	3,258.28	3,602.77	3,947.27	4,291.77	4,635.16	4,918.73
1/2	164.99	509.49	853.98	1,198.48	1,542.97	1,887.47	2,231.97	2,576.47	2,920.96	3,265.45	3,609.95	3,954.45	4,298.94	4,642.28	4,920.06
3/4	172.17	516.66	861.16	1,205.66	1,550.15	1,894.65	2,239.14	2,583.64	2,928.14	3,272.63	3,617.13	3,961.62	4,306.12	4,649.40	4,921.38
6	179.34	523.84	868.34	1,212.83	1,557.33	1,901.82	2,246.32	2,590.82	2,935.31	3,279.81	3,624.30	3,968.80	4,313.30	4,656.52	4,922.70
1/4	186.52	531.02	875.51	1,220.01	1,564.51	1,909.00	2,253.50	2,597.97	2,942.49	3,286.99	3,631.48	3,975.98	4,320.47	4,663.64	4,923.10
1/2	193.40	538.19	882.69	1,227.19	1,571.68	1,916.18	2,260.67	2,605.17	2,949.67	3,294.16	3,638.66	3,983.15	4,327.65	4,670.75	4,923.49
3/4	200.88	545.37	889.87	1,234.36	1,578.86	1,923.35	2,267.85	2,612.35	2,956.84	3,301.34	3,645.84	3,990.33	4,334.83	4,677.87	4,923.89
7	208.05	552.55	897.04	1,241.54	1,586.04	1,930.53	2,275.03	2,619.52	2,964.02	3,308.52	3,653.01	3,997.51	4,342.00	4,684.99	
1/4	215.23	559.73	904.22	1,248.72	1,593.71	1,937.71	2,282.20	2,626.70	2,971.20	3,315.69	3,660.19	4,004.69	4,349.18	4,692.11	
1/2	222.41	566.90	911.40	1,255.89	1,600.39	1,944.89	2,289.38	2,633.88	2,978.37	3,322.87	3,667.24	4,011.86	4,356.39	4,699.23	
3/4	229.58	574.08	916.58	1,263.07	1,607.57	1,952.06	2,296.56	2,641.06	2,985.55	3,330.05	3,674.54	4,019.04	4,363.54	4,706.35	
8	236.76	581.26	925.75	1,270.25	1,614.74	1,959.24	2,303.74	2,648.23	2,992.73	3,337.22	3,681.72	4,026.22	4,370.71	4,713.47	
1/4	243.94	588.43	932.93	1,277.43	1,621.92	1,966.42	2,310.91	2,655.41	2,999.91	3,344.40	3,688.90	4,033.39	4,377.89	4,720.59	
1/2	251.11	595.51	940.11	1,284.60	1,629.10	1,973.59	2,318.09	2,662.59	3,007.08	3,351.58	3,696.07	4,040.57	4,385.07	4,727.71	
3/4	258.29	602.79	947.28	1,291.78	1,636.27	1,980.77	2,325.27	2,669.76	3,014.26	3,358.76	3,703.25	4,047.75	4,392.24	4,734.83	
9	265.47	609.96	954.46	1,298.96	1,643.45	1,987.95	2,332.44	2,676.94	3,021.44	3,365.93	3,710.43	4,054.92	4,399.42	4,741.94	
1/4	272.65	617.14	961.64	1,306.13	1,650.63	1,995.12	2,339.62	2,684.12	3,028.61	3,373.11	3,717.61	4,062.10	4,406.60	4,749.06	
1/2	279.82	624.32	968.81	1,313.31	1,657.81	2,002.30	2,346.80	2,691.29	3,035.79	3,380.29	3,724.78	4,069.28	4,413.77	4,756.18	
3/4	287.00	631.50	975.99	1,320.49	1,664.98	2,009.48	2,353.97	2,698.47	3,042.97	3,387.46	3,731.96	4,076.46	4,420.95	4,763.30	
10	294.18	638.67	983.17	1,327.66	1,672.16	2,016.66	2,361.15	2,705.65	3,050.14	3,394.64	3,739.14	4,083.63	4,428.13	4,770.42	
1/4	301.35	645.85	990.35	1,334.84	1,679.34	2,023.83	2,368.33	2,712.83	3,057.32	3,401.82	3,746.31	4,090.81	4,435.31	4,777.54	
1/2	308.53	653.03	997.52	1,342.02	1,686.51	2,031.01	2,375.51	2,720.00	3,064.50	3,408.99	3,753.49	4,097.99	4,442.48	4,784.66	
3/4	315.71	660.20	1,004.70	1,349.20	1,693.69	2,038.19	2,382.68	2,727.18	3,071.68	3,416.17	3,760.67	4,105.16	4,449.66	4,791.76	
11	322.88	667.38	1,011.88	1,356.37	1,700.87	2,045.36	2,389.86	2,734.36	3,078.85	3,423.35	3,767.84	4,112.34	4,456.84	4,798.90	
1/4	330.06	674.56	1,019.05	1,363.55	1,708.04	2,052.54	2,397.04	2,741.53	3,086.03	3,430.53	3,775.02	4,119.52	4,464.01	4,806.02	
1/2	337.24	681.73	1,026.23	1,370.73	1,715.22	2,059.72	2,404.21	2,748.71	3,093.21	3,437.70	3,782.20	4,126.69	4,471.19	4,813.13	
3/4	344.42	688.91	1,033.41	1,377.90	1,722.40	2,066.89	2,411.39	2,755.89	3,100.38	3,444.88	3,789.38	4,133.87	4,478.37	4,820.25	

MAP 616

PORT 3

	0 FT	1 FT	2 FT	3 FT	4 FT	5 FT	6 FT	7 FT	8 FT	9 FT	10 FT	11 FT	12 FT	13 FT	14 FT
0	17.37	372.53	737.16	1,100.41	1,464.77	1,829.14	2,193.51	2,557.88	2,922.25	3,286.61	3,629.62	3,911.24	4,187.98	4,464.42	4,740.85
1/4	22.80	380.14	744.87	1,108.00	1,472.36	1,836.73	2,201.10	2,565.47	2,929.84	3,294.20	3,635.58	3,917.10	4,193.74	4,470.17	4,746.17
1/2	28.23	387.74	752.28	1,115.59	1,479.96	1,844.32	2,208.69	2,573.06	2,937.43	3,301.80	3,641.54	3,922.87	4,199.50	4,475.93	4,751.50
3/4	33.66	395.34	759.85	1,123.18	1,487.55	1,851.91	2,216.28	2,580.65	2,945.02	3,309.39	3,647.41	3,928.83	4,205.26	4,481.69	4,756.82
1	39.09	402.95	767.41	1,130.77	1,495.14	1,859.51	2,223.87	2,588.24	2,952.61	3,316.98	3,653.27	3,934.59	4,211.02	4,487.45	4,762.14
1/4	46.15	410.55	774.97	1,138.96	1,502.73	1,867.10	2,231.46	2,595.55	2,960.20	3,324.57	3,659.13	3,940.35	4,216.78	4,493.21	4,766.60
1/2	53.21	418.15	782.54	1,145.95	1,510.32	1,874.69	2,239.06	2,603.42	2,967.79	3,332.57	3,664.99	3,946.11	4,222.54	4,498.97	4,771.06
3/4	60.81	425.76	790.10	1,153.54	1,517.91	1,882.28	2,246.65	2,611.01	2,975.38	3,339.75	3,670.86	3,951.87	4,228.30	4,504.73	4,775.51
2	68.41	433.36	797.66	1,161.13	1,525.50	1,889.87	2,254.24	2,618.61	2,982.97	3,347.34	3,676.72	3,957.62	4,234.06	4,510.49	4,779.97
1/4	76.02	440.96	805.22	1,168.73	1,533.09	1,897.46	2,261.83	2,626.20	2,990.56	3,354.93	3,682.58	3,963.38	4,239.82	4,516.25	4,783.55
1/2	83.62	448.56	812.79	1,176.32	1,540.68	1,905.05	2,269.42	2,633.79	2,998.16	3,362.52	3,688.45	3,969.14	4,245.57	4,522.01	4,787.14
3/4	91.22	456.17	820.35	1,183.91	1,548.27	1,912.64	2,277.01	2,641.38	3,005.75	3,370.11	3,694.31	3,974.90	4,251.33	4,527.77	4,790.73
3	98.83	463.77	827.91	1,191.50	1,555.87	1,920.23	2,284.60	2,648.97	3,013.34	3,377.71	3,700.17	3,980.66	4,257.09	4,533.52	4,794.31
1/4	106.43	471.37	835.48	1,199.09	1,563.46	1,927.82	2,292.19	2,656.56	3,020.93	3,385.30	3,706.04	3,986.42	4,262.85	4,539.28	4,797.03
1/2	114.03	478.98	843.04	1,206.68	1,571.05	1,935.42	2,299.78	2,664.15	3,028.52	3,392.89	3,711.90	3,992.18	4,268.61	4,545.04	4,799.75
3/4	121.64	486.56	850.60	1,214.27	1,578.64	1,943.01	2,307.37	2,671.74	3,036.11	3,400.48	3,717.76	3,997.94	4,274.37	4,550.80	4,802.46
4	129.24	494.18	858.17	1,221.86	1,586.23	1,950.60	2,314.97	2,679.33	3,043.70	3,408.07	3,723.62	4,003.70	4,280.13	4,556.56	4,805.18
1/4	136.84	501.79	865.73	1,229.45	1,593.82	1,958.19	2,322.56	2,686.92	3,051.29	3,415.66	3,729.49	4,009.46	4,285.89	4,562.32	4,807.03
1/2	144.44	509.39	873.29	1,237.04	1,601.41	1,965.78	2,330.15	2,694.52	3,058.88	3,423.25	3,735.35	4,015.21	4,291.65	4,568.08	4,808.88
3/4	152.05	516.99	880.85	1,244.64	1,609.00	1,973.37	2,337.74	2,702.11	3,066.47	3,430.84	3,741.21	4,020.97	4,297.41	4,573.84	4,810.72
5	159.65	524.59	888.42	1,252.23	1,616.59	1,980.96	2,345.33	2,709.70	3,074.67	3,438.43	3,747.08	4,026.73	4,303.16	4,579.60	4,812.57
1/4	167.25	532.20	895.95	1,259.82	1,624.18	1,988.55	2,352.92	2,717.29	3,081.66	3,446.02	3,752.94	4,032.49	4,308.92	4,585.36	4,813.55
1/2	174.86	539.80	903.54	1,267.41	1,631.78	1,996.14	2,360.51	2,724.88	3,089.25	3,453.62	3,758.00	4,038.25	4,314.68	4,591.11	4,814.53
3/4	182.46	549.40	911.11	1,276.00	1,639.37	2,003.73	2,368.10	2,732.47	3,098.84	3,461.21	3,764.67	4,044.01	4,320.44	4,596.87	4,815.51
6	190.06	555.01	918.67	1,282.59	1,646.96	2,011.33	2,375.69	2,740.06	3,104.43	3,468.68	3,770.53	4,049.77	4,326.20	4,602.63	4,816.49
1/4	197.67	562.61	926.23	1,290.18	1,654.56	2,018.92	2,383.28	2,747.67	3,112.02	3,476.15	3,776.39	4,055.53	4,331.96	4,608.39	4,816.71
1/2	205.27	570.21	933.80	1,297.77	1,662.14	2,026.51	2,390.88	2,755.24	3,119.51	3,483.63	3,782.25	4,061.29	4,337.72	4,614.15	4,816.92
3/4	212.87	577.82	941.36	1,305.37	1,669.73	2,034.10	2,398.47	2,762.83	3,127.20	3,491.10	3,788.13	4,067.05	4,343.48	4,619.91	4,817.14
7	220.47	585.42	948.92	1,312.95	1,677.32	2,041.69	2,406.06	2,770.43	3,134.79	3,498.32	3,793.98	4,072.80	4,349.24	4,625.67	
1/4	228.08	593.02	956.48	1,320.55	1,684.91	2,049.28	2,413.65	2,778.02	3,142.38	3,505.53	3,799.84	4,078.56	4,355.00	4,631.43	
1/2	235.68	600.62	964.05	1,328.14	1,692.50	2,056.87	2,421.24	2,785.61	3,149.98	3,512.75	3,805.71	4,084.32	4,360.75	4,637.19	
3/4	243.28	608.23	971.61	1,335.73	1,700.09	2,064.46	2,428.83	2,793.20	3,157.57	3,519.97	3,811.57	4,090.09	4,366.51	4,642.95	
8	250.88	615.83	979.17	1,343.32	1,707.69	2,072.05	2,436.42	2,800.79	3,165.16	3,526.56	3,817.43	4,095.84	4,372.27	4,648.70	
1/4	258.49	623.43	986.74	1,350.91	1,715.25	2,079.64	2,444.01	2,808.38	3,172.75	3,533.16	3,823.30	4,101.60	4,378.03	4,654.46	
1/2	266.09	631.04	994.30	1,358.50	1,722.87	2,087.24	2,451.60	2,815.97	3,180.34	3,539.75	3,829.16	4,107.36	4,383.79	4,660.22	
3/4	273.70	638.64	1,001.86	1,366.09	1,730.46	2,094.83	2,459.19	2,823.56	3,187.93	3,546.35	3,835.02	4,113.12	4,388.55	4,665.98	
9	281.30	646.24	1,009.43	1,373.68	1,738.05	2,102.42	2,466.79	2,831.15	3,195.52	3,553.05	3,840.88	4,118.88	4,395.31	4,671.74	
1/4	288.90	653.84	1,016.99	1,381.27	1,745.64	2,110.01	2,474.38	2,838.74	3,203.11	3,559.75	3,846.75	4,124.64	4,401.07	4,677.50	
1/2	296.50	661.45	1,024.55	1,388.86	1,753.23	2,117.60	2,481.97	2,846.34	3,210.70	3,566.45	3,852.61	4,130.39	4,406.63	4,683.26	
3/4	304.11	669.05	1,032.12	1,396.45	1,760.82	2,125.19	2,489.56	2,853.93	3,218.29	3,573.15	3,858.47	4,136.15	4,412.59	4,689.02	
10	311.71	676.65	1,039.68	1,404.05	1,768.41	2,132.78	2,497.15	2,861.52	3,225.89	3,579.59	3,864.34	4,141.91	4,418.34	4,694.78	
1/4	319.31	684.22	1,047.27	1,411.64	1,776.00	2,140.37	2,504.74	2,869.11	3,233.48	3,586.04	3,870.20	4,147.67	4,424.10	4,700.54	
1/2	326.92	691.78	1,054.86	1,419.23	1,783.60	2,147.96	2,512.33	2,876.70	3,241.07	3,592.49	3,876.06	4,153.43	4,429.86	4,706.29	
3/4	334.52	699.34	1,062.83	1,426.83	1,791.19	2,155.55	2,519.92	2,884.29	3,248.66	3,598.92	3,881.93	4,159.19	4,435.62	4,712.05	
11	342.13	706.91	1,070.04	1,434.41	1,798.79	2,163.15	2,527.51	2,891.88	3,256.25	3,605.11	3,887.79	4,164.95	4,441.38	4,717.81	
1/4	349.73	714.47	1,077.63	1,442.00	1,806.37	2,170.74	2,535.10	2,899.47	3,263.84	3,611.29	3,893.65	4,170.71	4,447.14	4,723.57	
1/2	357.33	722.03	1,085.22	1,449.59	1,813.96	2,178.33	2,542.70	2,907.06	3,271.43	3,617.48	3,899.51	4,176.47	4,452.90	4,729.33	
3/4	364.93	729.59	1,092.82	1,457.18	1,821.55	2,185.92	2,550.29	2,914.65	3,279.02	3,623.66	3,905.38	4,182.23	4,458.66	4,735.09	

MAP 616

STAR 3

	0 FT	1 FT	2 FT	3 FT	4 FT	5 FT	6 FT	7 FT	8 FT	9 FT	10 FT	11 FT	12 FT	13 FT	14 FT
0	17.37	372.53	737.16	1,100.41	1,464.77	1,829.14	2,193.51	2,557.88	2,922.25	3,286.61	3,629.62	3,911.24	4,187.98	4,464.42	4,740.85
1/4	22.80	380.14	744.87	1,108.00	1,472.36	1,836.73	2,201.10	2,565.47	2,929.84	3,294.20	3,635.58	3,917.10	4,193.74	4,470.18	4,746.17
1/2	28.23	387.74	752.28	1,115.59	1,484.32	1,848.69	2,208.69	2,573.06	2,937.43	3,301.80	3,641.54	3,922.97	4,199.50	4,475.93	4,751.50
3/4	33.66	395.34	759.85	1,123.18	1,487.55	1,851.91	2,216.28	2,580.65	2,945.02	3,309.39	3,647.41	3,928.83	4,205.26	4,481.69	4,756.82
1	39.09	402.95	767.41	1,130.77	1,495.14	1,859.51	2,223.87	2,588.24	2,952.61	3,316.98	3,653.27	3,934.59	4,211.02	4,487.45	4,762.14
1/4	46.15	410.55	774.97	1,138.36	1,502.73	1,867.10	2,231.46	2,595.83	2,960.20	3,324.57	3,660.20	3,940.35	4,216.78	4,493.21	4,766.60
1/2	53.21	418.15	782.54	1,145.95	1,510.32	1,874.69	2,239.06	2,603.42	2,967.79	3,332.57	3,664.99	3,946.11	4,222.54	4,498.97	4,771.06
3/4	60.81	425.76	790.10	1,153.54	1,517.91	1,882.28	2,246.65	2,611.01	2,975.38	3,339.75	3,670.86	3,951.87	4,228.30	4,504.73	4,775.51
2	68.41	433.36	797.66	1,161.13	1,525.50	1,889.87	2,254.24	2,618.61	2,982.97	3,347.34	3,676.72	3,957.62	4,234.06	4,510.49	4,779.97
1/4	76.02	440.96	805.22	1,168.73	1,533.09	1,897.46	2,261.83	2,626.20	2,990.56	3,354.93	3,682.58	3,963.38	4,239.82	4,516.25	4,783.55
1/2	83.62	448.56	812.79	1,176.32	1,540.68	1,905.05	2,269.42	2,633.79	2,998.16	3,362.52	3,688.45	3,969.14	4,245.57	4,522.01	4,787.14
3/4	91.22	456.17	820.35	1,183.91	1,548.27	1,912.64	2,277.01	2,641.38	3,005.75	3,370.11	3,694.31	3,974.90	4,251.33	4,527.77	4,790.73
3	98.83	463.77	827.91	1,191.50	1,555.87	1,920.23	2,284.60	2,648.97	3,013.34	3,377.71	3,700.17	3,980.66	4,257.09	4,533.52	4,794.31
1/4	106.43	471.37	835.48	1,199.09	1,563.46	1,927.82	2,292.19	2,656.56	3,020.93	3,385.30	3,706.04	3,986.42	4,262.85	4,539.28	4,797.03
1/2	114.03	478.98	843.04	1,206.68	1,571.05	1,935.42	2,299.78	2,664.15	3,028.52	3,392.89	3,711.90	3,992.18	4,268.61	4,545.04	4,799.75
3/4	121.64	486.56	850.60	1,214.27	1,578.64	1,943.01	2,307.37	2,671.74	3,036.11	3,400.48	3,717.76	3,997.94	4,274.37	4,550.80	4,802.46
4	129.24	494.18	858.17	1,221.86	1,586.23	1,950.60	2,314.97	2,679.33	3,043.70	3,408.07	3,723.62	4,003.70	4,280.13	4,556.56	4,805.18
1/4	136.84	501.79	865.73	1,229.45	1,593.82	1,958.19	2,322.56	2,686.92	3,051.29	3,415.66	3,729.49	4,009.46	4,285.89	4,562.32	4,807.03
1/2	144.44	509.39	873.29	1,237.04	1,601.41	1,965.78	2,330.15	2,694.52	3,058.88	3,423.25	3,735.35	4,015.21	4,291.65	4,568.08	4,808.88
3/4	152.05	516.99	880.85	1,244.64	1,609.00	1,973.37	2,337.74	2,702.11	3,066.47	3,430.84	3,741.21	4,020.97	4,297.41	4,573.84	4,810.72
5	159.65	524.59	888.42	1,252.23	1,616.59	1,980.96	2,345.33	2,709.70	3,074.07	3,438.43	3,747.08	4,026.73	4,303.16	4,579.60	4,812.57
1/4	167.25	532.20	895.95	1,259.82	1,624.18	1,988.56	2,352.92	2,717.29	3,081.66	3,446.02	3,752.94	4,032.49	4,308.92	4,585.36	4,813.55
1/2	174.86	539.80	903.54	1,267.41	1,631.78	1,996.14	2,360.51	2,724.88	3,089.25	3,453.62	3,758.00	4,038.25	4,314.68	4,591.11	4,814.53
3/4	182.46	549.40	911.11	1,276.00	1,639.37	2,003.73	2,368.10	2,732.47	3,098.84	3,461.21	3,764.67	4,044.01	4,320.44	4,596.87	4,815.51
6	190.06	555.01	918.67	1,282.59	1,646.96	2,011.33	2,375.69	2,740.06	3,104.43	3,468.68	3,770.53	4,049.77	4,326.20	4,602.63	4,816.49
1/4	197.67	562.61	926.23	1,290.18	1,654.55	2,018.92	2,383.28	2,747.65	3,112.02	3,476.15	3,776.39	4,055.53	4,331.96	4,608.39	4,816.71
1/2	205.27	570.21	933.80	1,297.77	1,662.14	2,026.51	2,390.88	2,755.24	3,119.51	3,483.63	3,782.25	4,061.29	4,337.72	4,614.15	4,816.92
3/4	212.87	577.82	941.36	1,305.37	1,669.73	2,034.10	2,398.47	2,762.83	3,127.20	3,491.10	3,788.13	4,067.05	4,343.48	4,619.91	4,817.14
7	220.47	585.42	948.92	1,312.95	1,677.32	2,041.69	2,406.06	2,770.43	3,134.79	3,498.32	3,793.98	4,072.80	4,349.24	4,625.67	
1/4	228.08	593.02	956.48	1,320.55	1,684.91	2,049.28	2,413.65	2,778.02	3,142.38	3,505.53	3,799.84	4,078.56	4,355.00	4,631.43	
1/2	235.68	600.62	964.05	1,328.14	1,692.50	2,056.87	2,421.24	2,785.61	3,149.98	3,512.75	3,805.71	4,084.32	4,360.75	4,637.19	
3/4	243.28	608.23	971.61	1,335.73	1,700.09	2,064.46	2,428.83	2,793.20	3,157.57	3,519.97	3,811.57	4,090.09	4,366.51	4,642.95	
8	250.89	615.83	979.17	1,343.32	1,707.69	2,072.05	2,436.42	2,800.79	3,165.16	3,526.56	3,817.43	4,095.84	4,372.27	4,648.70	
1/4	258.49	623.43	986.74	1,350.91	1,715.25	2,079.64	2,444.01	2,808.38	3,172.75	3,533.16	3,823.30	4,101.60	4,378.03	4,654.46	
1/2	266.09	631.04	994.30	1,358.50	1,722.87	2,087.24	2,451.60	2,815.97	3,180.34	3,539.75	3,829.16	4,107.36	4,383.79	4,660.22	
3/4	273.70	638.64	1,001.86	1,366.09	1,730.46	2,094.83	2,459.19	2,823.57	3,187.93	3,546.35	3,835.02	4,113.12	4,389.55	4,665.98	
9	281.30	646.24	1,009.43	1,373.68	1,738.05	2,102.42	2,466.79	2,831.15	3,195.52	3,553.05	3,840.88	4,118.88	4,395.31	4,671.74	
1/4	288.90	653.84	1,016.99	1,381.27	1,745.64	2,110.01	2,474.38	2,838.74	3,203.11	3,559.75	3,846.75	4,124.64	4,401.07	4,677.50	
1/2	296.50	661.45	1,024.55	1,388.86	1,753.23	2,117.60	2,481.97	2,846.34	3,210.70	3,566.45	3,852.61	4,130.39	4,406.63	4,683.26	
3/4	304.11	669.05	1,032.12	1,396.45	1,760.82	2,125.19	2,489.56	2,853.93	3,218.29	3,573.15	3,858.47	4,136.15	4,412.59	4,689.02	
10	311.71	676.65	1,039.68	1,404.05	1,768.41	2,132.78	2,497.15	2,861.52	3,225.89	3,579.59	3,864.34	4,141.91	4,418.14	4,694.78	
1/4	319.31	684.22	1,047.27	1,411.64	1,776.00	2,140.37	2,504.74	2,869.11	3,233.48	3,586.04	3,870.20	4,147.67	4,424.10	4,700.54	
1/2	326.92	691.78	1,054.86	1,419.23	1,783.60	2,147.96	2,512.33	2,876.70	3,241.07	3,592.49	3,876.06	4,153.43	4,429.86	4,706.29	
3/4	334.52	699.34	1,062.45	1,426.83	1,791.19	2,155.55	2,519.92	2,884.29	3,248.66	3,598.92	3,881.93	4,159.19	4,435.62	4,712.05	
11	342.13	706.91	1,070.04	1,434.41	1,798.79	2,163.15	2,527.51	2,891.88	3,256.25	3,605.11	3,887.79	4,164.95	4,441.38	4,717.81	
1/4	349.73	714.47	1,077.63	1,442.00	1,806.37	2,170.74	2,535.10	2,899.47	3,263.84	3,611.29	3,893.65	4,170.71	4,447.14	4,723.57	
1/2	357.33	722.03	1,085.22	1,449.59	1,813.96	2,178.33	2,542.70	2,907.06	3,271.43	3,617.48	3,899.51	4,176.47	4,452.90	4,729.33	
3/4	364.93	729.59	1,092.82	1,457.18	1,821.55	2,185.92	2,550.29	2,914.65	3,279.02	3,623.66	3,905.38	4,182.23	4,458.66	4,735.09	