



BARGE "MPC-634"
MARATHON PETROLEUM CORP.

INNAGE TABLE

1 PORT OR STAR

IN		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.	
IN	O	15.36	19.57	27.99	32.20	37.88	43.55	49.23	54.90	61.44	67.97	74.50	81.04	87.57	94.10	100.64	107.17	113.83	120.48	127.14	133.80	140.46	147.00	153.64	160.28	166.92	173.56	180.20	186.84	193.48	
BARGE SHOULD BE ON EVEN-LEVEL KEEL WHEN GAUGES ARE TAKEN																															
0	*	15.36	19.57	27.99	32.20	37.88	43.55	49.23	54.90	61.44	67.97	74.50	81.04	87.57	94.10	100.64	107.17	113.83	120.48	127.14	133.80	140.46	147.00	153.64	160.28	166.92	173.56	180.20	186.84	193.48	
1	1	326.19	333.35	347.66	354.81	361.97	369.12	376.28	383.43	390.71	397.99	405.27	412.55	419.83	427.11	434.39	441.67	448.98	456.48	463.88	471.29	478.69	486.10	493.50	500.90	508.30	515.70	523.10	530.50	537.90	
2	2	680.57	688.05	703.03	710.51	718.00	725.48	732.97	740.46	747.94	755.43	762.91	770.40	777.89	785.37	792.86	800.34	807.83	815.32	822.80	830.29	837.77	845.26	852.75	860.23	867.72	875.20	882.69	890.18	897.66	
3	3	1039.90	1047.38	1054.87	1062.35	1069.84	1077.33	1084.81	1092.30	1100.78	1108.26	1115.75	1123.24	1130.73	1138.21	1145.70	1153.18	1160.67	1168.15	1175.64	1183.12	1190.61	1198.09	1205.58	1213.06	1220.55	1228.03	1235.52	1243.00	1250.49	
4	4	1399.22	1406.71	1414.20	1421.68	1429.17	1436.65	1444.14	1451.63	1459.11	1466.60	1474.08	1481.57	1489.06	1496.54	1504.03	1511.51	1519.00	1526.48	1533.97	1541.46	1548.94	1556.43	1563.92	1571.40	1578.89	1586.37	1593.86	1601.35	1608.83	1616.32
5	5	1758.55	1766.04	1773.52	1781.01	1788.50	1795.98	1803.47	1810.95	1818.44	1825.93	1833.41	1840.90	1848.38	1855.87	1863.36	1870.84	1878.33	1885.81	1893.30	1900.79	1908.27	1915.76	1923.24	1930.73	1938.22	1945.70	1953.19	1960.67	1968.16	1975.65
6	6	2117.88	2125.37	2132.85	2140.34	2147.82	2155.31	2162.80	2170.28	2177.77	2185.25	2192.74	2200.23	2207.71	2215.20	2222.68	2230.17	2237.66	2245.14	2252.63	2260.11	2267.60	2275.09	2282.57	2290.06	2297.54	2305.03	2312.52	2320.00	2327.49	2334.98
7	7	2477.21	2484.69	2492.18	2499.67	2507.15	2514.64	2522.12	2529.61	2537.10	2544.58	2552.07	2559.55	2567.04	2574.53	2582.01	2589.50	2596.98	2604.47	2611.96	2619.44	2626.93	2634.41	2641.90	2649.39	2656.87	2664.36	2671.84	2679.33	2686.82	2694.30
8	8	2836.54	2844.02	2851.51	2859.00	2866.48	2873.97	2881.45	2888.94	2896.42	2903.91	2911.40	2918.88	2926.37	2933.85	2941.34	2948.83	2956.31	2963.80	2971.28	2978.77	2986.26	2993.74	3001.23	3008.71	3016.20	3023.69	3031.17	3038.66	3046.14	3053.63
9	9	3195.86	3203.35	3210.84	3218.32	3225.81	3233.29	3240.78	3248.27	3255.75	3263.24	3270.72	3278.21	3285.70	3293.18	3300.67	3308.15	3315.64	3323.13	3330.61	3338.10	3345.58	3353.07	3360.56	3368.04	3375.53	3383.01	3390.50	3397.99	3405.47	3412.96
10	10	3555.19	3562.68	3570.16	3577.65	3585.14	3592.62	3600.11	3607.59	3615.08	3622.57	3630.05	3637.54	3645.02	3652.51	3660.00	3667.48	3674.97	3682.45	3689.94	3697.43	3704.91	3712.40	3719.88	3727.37	3734.86	3742.34	3749.83	3757.31	3764.80	3772.29
11	11	3914.52	3922.01	3929.49	3936.98	3944.46	3951.95	3959.44	3966.92	3974.41	3981.89	3989.38	3996.87	4004.35	4011.84	4019.32	4026.81	4034.30	4041.78	4049.27	4056.75	4064.24	4071.73	4079.21	4086.70	4094.18	4101.67	4109.16	4116.64	4124.13	4131.61
12	12	4273.85	4281.33	4288.82	4296.31	4303.79	4311.28	4318.77	4326.25	4333.74	4341.22	4348.71	4356.19	4363.68	4371.17	4378.65	4386.14	4393.62	4401.11	4408.60	4416.08	4423.57	4431.05	4438.54	4446.03	4453.51	4461.00	4468.48	4475.97	4483.46	4490.94
13	13	4633.18	4640.66	4648.15	4655.63	4663.12	4670.61	4678.09	4685.58	4693.06	4700.55	4708.04	4715.52	4723.01	4730.49	4737.98	4745.47	4752.95	4760.44	4767.92	4775.41	4782.90	4790.38	4797.87	4805.35	4812.84	4820.33	4827.81	4835.30	4842.78	4850.27
14	14	4992.50	4999.99	5007.48	5014.96	5022.45	5029.94	5037.42	5044.91	5052.39	5059.88	5067.37	5074.85	5082.34	5089.83	5097.32	5104.81	5112.30	5119.78	5127.27	5134.76	5142.25	5149.74	5157.23	5164.72	5172.21	5179.70	5187.19	5194.68	5202.17	5209.66
15	15	5351.91	5359.40	5366.89	5374.38	5381.87	5389.36	5396.85	5404.34	5411.83	5419.32	5426.81	5434.30	5441.79	5449.28	5456.77	5464.26	5471.75	5479.24	5486.73	5494.22	5501.71	5509.20	5516.69	5524.18	5531.67	5539.16	5546.65	5554.14	5561.63	5569.12
16	16	5711.32	5718.81	5726.30	5733.79	5741.28	5748.77	5756.26	5763.75	5771.24	5778.73	5786.22	5793.71	5801.20	5808.69	5816.18	5823.67	5831.16	5838.65	5846.14	5853.63	5861.12	5868.61	5876.10	5883.59	5891.08	5898.57	5906.06	5913.55	5921.04	5928.53
17	17	6070.73	6078.22	6085.71	6093.20	6100.69	6108.18	6115.67	6123.16	6130.65	6138.14	6145.63	6153.12	6160.61	6168.10	6175.59	6183.08	6190.57	6198.06	6205.55	6213.04	6220.53	6228.02	6235.51	6243.00	6250.49	6257.98	6265.47	6272.96	6280.45	6287.94
18	18	6430.14	6437.63	6445.12	6452.61	6460.10	6467.59	6475.08	6482.57	6490.06	6497.55	6505.04	6512.53	6520.02	6527.51	6535.00	6542.49	6550.00	6557.49	6564.98	6572.47	6580.00	6587.49	6594.98	6602.47	6610.00	6617.49	6624.98	6632.47	6640.00	6647.49
19	19	6789.55	6797.04	6804.53	6812.02	6819.51	6827.00	6834.49	6841.98	6849.47	6856.96	6864.45	6871.94	6879.43	6886.92	6894.41	6901.90	6909.39	6916.88	6924.37	6931.86	6939.35	6946.84	6954.33	6961.82	6969.31	6976.80	6984.29	6991.78	6999.27	7006.76
20	20	7148.96	7156.45	7163.94	7171.43	7178.92	7186.41	7193.90	7201.39	7208.88	7216.37	7223.86	7231.35	7238.84	7246.33	7253.82	7261.31	7268.80	7276.29	7283.78	7291.27	7298.76	7306.25	7313.74	7321.23	7328.72	7336.21	7343.70	7351.19	7358.68	7366.17
21	21	7508.37	7515.86	7523.35	7530.84	7538.33	7545.82	7553.31	7560.80	7568.29	7575.78	7583.27	7590.76	7598.25	7605.74	7613.23	7620.72	7628.21	7635.70	7643.19	7650.68	7658.17	7665.66	7673.15	7680.64	7688.13	7695.62	7703.11	7710.60	7718.09	7725.58
22	22	7867.78	7875.27	7882.76	7890.25	7897.74	7905.23	7912.72	7920.21	7927.70	7935.19	7942.68	7950.17	7957.66	7965.15	7972.64	7980.13	7987.62	7995.11	8002.60	8010.09	8017.58	8025.07	8032.56	8040.05	8047.54	8055.03	8062.52	8070.01	8077.50	8085.00
23	23	8227.19	8234.68	8242.17	8249.66	8257.15	8264.64	8272.13	8279.62	8287.11	8294.60	8302.09	8309.58	8317.07	8324.56	8332.05	8339.54	8347.03	8354.52	8362.01	8369.50	8377.00	8384.49	8391.98	8399.47	8406.96	8414.45	8421.94	8429.43	8436.92	8444.41
24	24	8586.60	8594.09	8601.58	8609.07	8616.56	8624.05	8631.54	8639.03	8646.52	8654.01	8661.50	8669.00	8676.49	8683.98	8691.47	8698.96	8706.45	8713.94	8721.43	8728.92	8736.41	8743.90	8751.39	8758.88	8766.37	8773.86	8781.35	8788.84	8796.33	8803.82
25	25	8946.01	8953.50	8961.00	8968.49	8975.98	8983.47	8990.96	8998.45	9005.94	9013.43	9020.92	9028.41	9035.90	9043.39	9050.88	9058.37	9065.86	9073.35	9080.84	9088.33	9095.82	9103.31	9110.80	9118.29	9125.78	9133.27	9140.76	9148.25	9155.74	9163.23
26	26	9305.42	9312.91	9320.40	9327.89	9335.38	9342.87	9350.36	9357.85	9365.34	9372.83	9380.32	9387.81	9395.30	9402.79	9410.28	9417.77	9425.26	9432.75	9440.24	9447.73	9455.22	9462.71	9470.20	9477.69	9485.18	9492.67	9500.16	9507.65	9515.14	9522.63
27	27	9664.83	9672.32	9679.81	9687.30	9694.79	9702.28	9709.77	9717.26	9724.75	9732.24	9739.73	9747.22	9754.71	9762.20	9769.69	9777.18	9784.67	9792.16	9799.65	9807.14	9814.63	9822.12	9829.61	9837.10	9844.59	9852.08	9859.57	9867.06	9874.55	9882.04
28	28	10024.27	10031.76	10039.25	10046.74	10054.23	10061.72	10069.21	10076.70	10084.1																					



BARGE "MPC-634"
MARATHON PETROLEUM CORP.

INNAGE TABLE

2 PORT OR STAR

BARGE SHOULD BE ON EVEN-LEVEL KEEL WHEN GAUGES ARE TAKEN																												HULL NO. 2169-7													
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.													
IN	N	IN	N	IN	N	IN	N	IN	N	IN	N	IN	N	IN	N	IN	N	IN	N	IN	N	IN	N	IN	N	IN	N	IN	N												
0	*	15.27	0	360.00	0	719.71	0	1,079.42	0	1,439.14	0	1,798.85	0	2,158.56	0	2,518.27	0	2,877.98	0	3,237.70	0	3,597.41	0	3,957.12	0	4,316.83	0	4,676.54	0	5,036.26											
1/4		19.96	1/4	367.49	1/4	727.21	1/4	1,086.92	1/4	1,446.63	1/4	1,806.34	1/4	2,166.05	1/4	2,525.77	1/4	2,885.48	1/4	3,245.19	1/4	3,604.90	1/4	3,964.61	1/4	4,324.33	1/4	4,684.04	1/4	5,043.75											
1/2		24.64	1/2	374.99	1/2	734.70	1/2	1,094.41	1/2	1,454.12	1/2	1,813.84	1/2	2,173.55	1/2	2,533.26	1/2	2,892.97	1/2	3,252.68	1/2	3,612.40	1/2	3,972.11	1/2	4,331.82	1/2	4,691.53	1/2	5,051.24											
3/4		29.32	3/4	382.48	3/4	742.19	3/4	1,101.91	3/4	1,461.62	3/4	1,821.33	3/4	2,181.04	3/4	2,540.75	3/4	2,900.47	3/4	3,260.18	3/4	3,619.89	3/4	3,979.60	3/4	4,339.31	3/4	4,699.03	3/4	5,058.74											
1		34.01	1	389.98	1	749.69	1	1,109.40	1	1,469.11	1	1,828.82	1	2,188.54	1	2,548.25	1	2,907.96	1	3,267.67	1	3,627.38	1	3,987.10	1	4,346.81	1	4,706.52	1	5,066.23											
1/4		40.57	1/4	397.47	1/4	757.18	1/4	1,116.89	1/4	1,476.61	1/4	1,836.32	1/4	2,196.03	1/4	2,555.74	1/4	2,915.45	1/4	3,275.17	1/4	3,634.88	1/4	3,994.59	1/4	4,354.30	1/4	4,714.01	1/4	5,073.10											
1/2		47.12	1/2	404.96	1/2	764.68	1/2	1,124.39	1/2	1,484.10	1/2	1,843.81	1/2	2,203.52	1/2	2,563.24	1/2	2,922.95	1/2	3,282.66	1/2	3,642.37	1/2	4,002.08	1/2	4,361.80	1/2	4,721.51	1/2	5,079.97											
3/4		53.68	3/4	412.46	3/4	772.17	3/4	1,131.88	3/4	1,491.59	3/4	1,851.31	3/4	2,211.02	3/4	2,570.73	3/4	2,930.44	3/4	3,290.15	3/4	3,649.87	3/4	4,009.58	3/4	4,369.29	3/4	4,729.00	3/4	5,086.84											
1		60.24	2	419.95	2	779.66	2	1,139.38	2	1,499.09	2	1,858.80	2	2,218.51	2	2,578.22	2	2,937.94	2	3,297.65	2	3,657.36	2	4,017.07	2	4,376.78	2	4,736.50	2	5,093.71											
1/4		67.73	1/4	427.45	1/4	787.16	1/4	1,146.87	1/4	1,506.58	1/4	1,866.29	1/4	2,226.01	1/4	2,585.72	1/4	2,945.43	1/4	3,305.14	1/4	3,664.85	1/4	4,024.57	1/4	4,384.28	1/4	4,743.99	1/4	5,099.33											
1/2		75.23	1/2	434.94	1/2	794.65	1/2	1,154.36	1/2	1,514.08	1/2	1,873.79	1/2	2,233.50	1/2	2,593.21	1/2	2,952.92	1/2	3,312.64	1/2	3,672.35	1/2	4,032.06	1/2	4,391.77	1/2	4,751.48	1/2	5,104.95											
3/4		82.72	3/4	442.43	3/4	802.15	3/4	1,161.86	3/4	1,521.57	3/4	1,891.28	3/4	2,240.99	3/4	2,600.71	3/4	2,960.42	3/4	3,320.13	3/4	3,679.84	3/4	4,039.55	3/4	4,399.27	3/4	4,758.98	3/4	5,110.57											
1		90.22	3	449.93	3	809.64	3	1,169.35	3	1,529.06	3	1,888.78	3	2,248.49	3	2,608.20	3	2,967.91	3	3,327.62	3	3,687.34	3	4,047.05	3	4,406.76	3	4,766.47	3	5,116.20											
1/4		97.71	1/4	457.42	1/4	817.13	1/4	1,176.85	1/4	1,536.56	1/4	1,896.27	1/4	2,255.98	1/4	2,615.69	1/4	2,975.41	1/4	3,335.12	1/4	3,694.83	1/4	4,054.54	1/4	4,414.25	1/4	4,773.97	1/4	5,120.57											
1/2		105.20	1/2	464.92	1/2	824.63	1/2	1,184.34	1/2	1,544.05	1/2	1,903.76	1/2	2,263.48	1/2	2,623.19	1/2	2,982.90	1/2	3,342.61	1/2	3,702.32	1/2	4,062.04	1/2	4,421.75	1/2	4,781.46	1/2	5,124.94											
3/4		112.70	3/4	472.41	3/4	832.12	3/4	1,191.83	3/4	1,551.55	3/4	1,911.26	3/4	2,270.97	3/4	2,630.68	3/4	2,990.39	3/4	3,350.11	3/4	3,709.82	3/4	4,069.53	3/4	4,429.24	3/4	4,788.95	3/4	5,129.31											
1		120.19	4	479.90	4	839.62	4	1,199.33	4	1,559.04	4	1,918.75	4	2,278.46	4	2,638.17	4	2,997.89	4	3,357.60	4	3,717.31	4	4,077.02	4	4,436.74	4	4,796.45	4	5,133.68											
1/4		127.69	1/4	487.40	1/4	847.11	1/4	1,206.82	1/4	1,566.53	1/4	1,926.25	1/4	2,285.96	1/4	2,645.67	1/4	3,005.38	1/4	3,365.09	1/4	3,724.81	1/4	4,084.52	1/4	4,444.23	1/4	4,803.94	1/4	5,136.81											
1/2		135.18	1/2	494.89	1/2	854.60	1/2	1,214.32	1/2	1,574.03	1/2	1,933.74	1/2	2,293.45	1/2	2,653.16	1/2	3,012.88	1/2	3,372.59	1/2	3,732.30	1/2	4,092.01	1/2	4,451.72	1/2	4,811.44	1/2	5,139.93											
3/4		142.67	3/4	502.39	3/4	862.10	3/4	1,221.81	3/4	1,581.52	3/4	1,941.23	3/4	2,300.95	3/4	2,660.66	3/4	3,020.37	3/4	3,380.58	3/4	3,739.79	3/4	4,099.01	3/4	4,459.22	3/4	4,818.93	3/4	5,143.05											
1		150.17	5	509.88	5	869.59	5	1,229.30	5	1,589.02	5	1,948.73	5	2,308.44	5	2,668.15	5	3,027.86	5	3,387.58	5	3,747.29	5	4,107.00	5	4,466.71	5	4,826.42	5	5,146.18											
1/4		157.66	1/4	517.37	1/4	877.09	1/4	1,236.80	1/4	1,596.51	1/4	1,956.22	1/4	2,315.93	1/4	2,675.65	1/4	3,035.36	1/4	3,395.07	1/4	3,754.78	1/4	4,114.49	1/4	4,474.21	1/4	4,833.92	1/4	5,149.05											
1/2		165.16	1/2	524.87	1/2	884.58	1/2	1,244.29	1/2	1,604.00	1/2	1,963.72	1/2	2,323.43	1/2	2,683.14	1/2	3,042.85	1/2	3,402.56	1/2	3,762.28	1/2	4,121.99	1/2	4,481.70	1/2	4,841.41	1/2	5,149.92											
3/4		172.65	3/4	532.36	3/4	892.07	3/4	1,251.79	3/4	1,611.50	3/4	1,971.21	3/4	2,330.92	3/4	2,690.63	3/4	3,050.35	3/4	3,410.06	3/4	3,769.77	3/4	4,129.48	3/4	4,489.19	3/4	4,848.91	3/4	5,151.80											
1		180.14	6	539.86	6	899.57	6	1,259.28	6	1,618.99	6	1,978.70	6	2,338.42	6	2,698.13	6	3,057.84	6	3,417.55	6	3,777.26	6	4,136.98	6	4,496.69	6	4,856.40	6	5,153.67											
1/4		187.64	1/4	547.35	1/4	907.06	1/4	1,266.77	1/4	1,626.49	1/4	1,986.20	1/4	2,345.91	1/4	2,705.62	1/4	3,065.33	1/4	3,425.05	1/4	3,784.76	1/4	4,144.47	1/4	4,504.18	1/4	4,863.89	1/4	5,154.30											
1/2		195.13	1/2	554.84	1/2	914.56	1/2	1,274.27	1/2	1,633.98	1/2	1,993.69	1/2	2,353.40	1/2	2,713.12	1/2	3,073.83	1/2	3,432.54	1/2	3,792.25	1/2	4,151.96	1/2	4,511.68	1/2	4,871.39	1/2	5,154.92											
3/4		202.63	3/4	562.34	3/4	922.05	3/4	1,281.76	3/4	1,641.47	3/4	2,001.19	3/4	2,360.90	3/4	2,720.61	3/4	3,080.32	3/4	3,440.03	3/4	3,799.75	3/4	4,159.46	3/4	4,519.17	3/4	4,878.88	3/4	5,155.55											
1		210.12	7	569.83	7	929.54	7	1,289.26	7	1,648.97	7	2,008.68	7	2,368.39	7	2,728.10	7	3,087.82	7	3,447.53	7	3,807.24	7	4,166.95	7	4,526.66	7	4,886.38	7	5,156.17											
1/4		217.61	1/4	577.33	1/4	937.04	1/4	1,296.75	1/4	1,656.46	1/4	2,016.17	1/4	2,375.89	1/4	2,735.60	1/4	3,095.31	1/4	3,455.02	1/4	3,814.73	1/4	4,174.45	1/4	4,534.16	1/4	4,893.87	1/4	5,157.00											
1/2		225.11	1/2	584.82	1/2	944.53	1/2	1,304.22	1/2	1,663.96	1/2	2,023.67	1/2	2,383.38	1/2	2,743.09	1/2	3,102.80	1/2	3,462.52	1/2	3,822.23	1/2	4,181.94	1/2	4,541.65	1/2	4,901.36	1/2	5,158.00											
3/4		232.60	3/4	592.31	3/4	952.03	3/4	1,311.74	3/4	1,671.45	3/4	2,031.16	3/4	2,390.87	3/4	2,750.59	3/4	3,110.30	3/4	3,470.01	3/4	3,829.72	3/4	4,189.43	3/4	4,549.15	3/4														



BARGE "MPC-634"
MARATHON PETROLEUM CORP.

INNAGE TABLE

3 PORT OR STAR

BARGE SHOULD BE ON EVEN-LEVEL KEEL WHEN GAUGES ARE TAKEN																												HULL NO. 2169-7													
CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS														STRAPPED:57/08																											
N	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.	N	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14										
0	15.21	358.50	716.67	1074.85	1433.02	1791.20	2149.38	2507.55	2865.73	3223.90	3549.26	3824.71	4095.33	4365.52	4635.71	0	19.88	385.96	724.13	1082.31	1440.49	1798.66	2156.84	2515.01	2873.19	3231.37	3555.03	3830.44	4100.96	4371.15	4641.34										
1/4	24.55	373.08	731.60	1089.77	1447.95	1806.12	2164.30	2522.48	2880.65	3238.83	3560.50	3836.18	4106.59	4376.78	4646.97	1/2	29.21	360.88	739.06	1097.23	1455.41	1813.59	2171.76	2529.94	2888.11	3246.29	3568.54	3841.92	4112.22	4382.41	4652.60										
1	33.88	388.34	746.52	1104.70	1462.87	1821.05	2179.22	2537.40	2895.58	3253.75	3572.28	3847.65	4117.85	4388.04	4658.23	1	40.41	395.81	753.98	1112.16	1470.33	1828.51	2186.69	2544.86	2903.04	3259.21	3578.01	3853.28	4123.47	4393.67	4663.86										
1/4	46.95	403.27	761.44	1119.62	1477.80	1835.97	2194.15	2552.32	2910.50	3266.68	3585.91	3860.91	4129.10	4399.30	4668.53	1/2	53.48	410.73	768.91	1127.08	1485.26	1843.43	2201.61	2559.79	2917.96	3276.14	3589.49	3864.54	4134.73	4404.92	4673.68										
2	60.02	418.19	776.37	1134.54	1492.72	1850.90	2209.07	2567.25	2925.42	3283.60	3595.23	3870.17	4140.36	4410.55	4680.74	2	67.48	425.65	783.83	1142.01	1500.18	1858.36	2216.53	2574.71	2932.89	3291.06	3600.96	3875.80	4145.99	4416.18	4683.03										
1/4	74.94	433.12	791.29	1149.47	1507.64	1865.82	2224.00	2582.17	2940.35	3298.52	3606.70	3881.43	4151.62	4421.81	4687.22	1/2	82.40	440.58	798.75	1156.93	1515.11	1873.28	2231.46	2589.63	2947.81	3305.99	3612.44	3887.06	4157.25	4427.44	4691.42										
3	89.86	448.04	806.22	1164.39	1522.57	1880.74	2238.92	2597.10	2955.27	3313.45	3618.17	3892.69	4162.88	4433.07	4695.61	3	97.33	455.50	813.68	1171.85	1530.03	1888.21	2246.38	2604.56	2962.73	3320.91	3623.91	3898.32	4168.51	4438.70	4698.85										
1/4	104.79	462.96	821.14	1179.32	1537.49	1895.67	2253.84	2610.02	2970.20	3328.37	3629.65	3903.94	4174.14	4444.33	4702.09	1/2	112.25	470.43	828.60	1186.78	1544.95	1903.13	2261.31	2617.48	2977.66	3335.83	3635.39	3909.57	4179.76	4449.96	4705.33										
4	119.71	479.89	836.06	1194.24	1552.42	1910.59	2268.77	2626.94	2985.12	3343.30	3641.12	3915.20	4185.39	4455.59	4708.57	1/4	127.17	485.35	843.53	1201.70	1559.88	1918.05	2276.23	2634.41	2992.58	3350.76	3646.86	3920.83	4191.02	4461.21	4710.85										
1/4	134.64	492.81	850.99	1209.16	1567.34	1925.52	2283.69	2641.87	2998.04	3358.22	3652.60	3926.46	4196.65	4466.84	4713.13	1/2	142.10	497.74	858.45	1216.63	1574.80	1932.98	2291.15	2649.33	3007.51	3365.68	3658.33	3932.09	4202.28	4472.47	4715.41										
5	149.56	500.27	865.91	1224.09	1582.26	1940.44	2298.62	2656.79	3014.97	3373.14	3664.07	3937.72	4207.91	4478.10	4717.69	3	157.02	515.20	873.37	1231.55	1599.73	1947.90	2306.08	2664.25	3022.43	3380.61	3669.81	3943.35	4213.54	4483.33	4719.02										
1/4	164.48	522.66	880.84	1239.01	1597.19	1955.36	2313.54	2671.72	3027.90	3388.07	3675.54	3948.98	4219.17	4489.36	4720.35	1/2	171.95	530.12	888.30	1246.47	1604.65	1962.83	2321.00	2679.18	3037.35	3395.53	3681.28	3954.61	4224.80	4494.99	4721.67										
6	179.41	537.58	895.76	1253.94	1612.11	1970.29	2328.46	2686.64	3044.82	3402.99	3687.02	3960.23	4230.43	4500.62	4723.00	3	186.87	545.05	903.22	1261.40	1619.57	1977.75	2335.93	2694.10	3052.28	3410.45	3692.76	3968.49	4231.54	4506.25	4723.37										
1/4	186.87	545.05	903.22	1261.40	1619.57	1977.75	2335.93	2694.10	3052.28	3410.45	3692.76	3968.49	4231.54	4506.25	4723.37	1/2	194.33	552.51	910.68	1268.86	1627.04	1985.21	2343.39	2701.56	3059.74	3417.92	3698.49	4231.54	4506.25	4723.37	4723.37										
3/4	201.79	559.97	918.15	1276.32	1634.50	1992.67	2350.85	2709.03	3067.20	3420.18	3704.23	3977.12	4247.31	4511.88	4724.11	3	209.26	567.43	925.61	1283.78	1641.96	1990.14	2358.31	2716.49	3074.46	3423.05	3709.97	4231.54	4506.25	4723.37	4724.48										
1/4	216.72	574.89	933.07	1291.25	1649.42	2007.60	2365.77	2723.95	3082.13	3432.32	3715.70	3988.38	4258.57	4528.76	4723.00	1/2	224.18	582.36	940.53	1298.71	1656.36	1995.06	2373.24	2731.41	3089.59	3427.18	3715.70	3994.01	4258.57	4528.76	4723.00										
3/4	231.64	589.82	947.99	1306.17	1664.35	2022.52	2380.70	2738.87	3097.05	3448.51	3732.91	3991.23	4264.20	4534.39	4724.11	3	239.10	597.28	955.46	1313.63	1667.81	2029.98	2388.16	2746.34	3104.51	3448.51	3732.91	3991.23	4264.20	4534.39	4724.11										
8	239.10	597.28	955.46	1313.63	1667.81	2029.98	2388.16	2746.34	3104.51	3448.51	3732.91	3991.23	4264.20	4534.39	4724.11	1/4	246.57	604.74	962.92	1321.09	1679.27	2037.45	2395.62	2753.80	3111.97	3460.64	3738.65	4005.27	4275.46	4545.65	48										
1/4	246.57	604.74	962.92	1321.09	1679.27	2037.45	2395.62	2753.80	3111.97	3460.64	3738.65	4005.27	4275.46	4545.65	48	1/2	254.03	612.20	970.38	1328.56	1686.73	2044.91	2403.08	2761.26	3119.44	3466.70	4016.52	4286.72	4556.91	48	48										
1/2	254.03	612.20	970.38	1328.56	1686.73	2044.91	2403.08	2761.26	3119.44	3466.70	4016.52	4286.72	4556.91	48	3/4	261.49	619.67	977.84	1336.02	1694.19	2052.37	2410.55	2418.01	2768.72	3126.90	3472.69	4022.15	4292.34	4562.54	48	48										
3/4	261.49	619.67	977.84	1336.02	1694.19	2052.37	2410.55	2768.72	3126.90	3472.69	4022.15	4292.34	4562.54	48	1	268.95	627.13	985.30	1343.48	1701.66	2059.83	2418.01	2776.18	3134.36	3478.68	4027.78	4292.34	4562.54	48	48	48										
9	268.95	627.13	985.30	1343.48	1701.66	2059.83	2418.01	2776.18	3134.36	3478.68	4027.78	4292.34	4562.54	48	1/4	276.41	634.59	992.77	1350.94	1709.12	2067.29	2425.47	2783.65	3141.82	3484.67	4033.41	4303.41	4573.79	48	48	48										
1/4	276.41	634.59	992.77	1350.94	1709.12	2067.29	2425.47	2783.65	3141.82	3484.67	4033.41	4303.41	4573.79	48	1/2	283.88	642.05	1000.23	1358.40	1716.58	2074.76	2432.93	2791.11	3149.28	3490.66	4039.26	4303.41	4573.79	48	48	48										
1/2	283.88	642.05	1000.23	1358.40	1716.58	2074.76	2432.93	2791.11	3149.28	3490.66	4039.26	4303.41	4573.79	48	3/4	291.34	649.51	1007.69	1366.87	1724.04	2082.22	2440.39	2798.57	3156.75	3496.68	4044.67	4303.41	4573.79	48	48	48										
3/4	291.34	649.51	1007.69	1366.87	1724.04	2082.22	2440.39	2798.57	3156.75	3496.68	4044.67	4303.41	4573.79	48	1	298.90	656.98	1015.15	1373.33	1731.50	2089.68	2447.86	2806.03	3164.21	3496.68	4044.67	4303.41	4573.79	48	48	48										
10	298.90	656.98	1015.15	1373.33	1731.50	2089.68	2447.86	2806.03	3164.21	3496.68	4044.67	4303.41	4573.79	48	1/4	306.26	664.44	1022.61	1380.79	1738.97	2097.14	2455.32	2813.48	3171.67	3496.68	4044.67	4303.41	4573.79	48	48	48										
1/4	306.26	664.44	1022.61	1380.79	1738.97	2097.14	2455.32	2813.48	3171.67	3496.68	4044.67	4303.41	4573.79	48	1/2	313.72	671.90	1030.22	1388.25	1746.43	2104.60	2462.78	2820.96	3179.13	3496.68	4044.67	4303.41	4573.79	48	48	48										
1/2	313.72	671.90	1030.22	1388.25	1746.43	2104.60	2																																		