



BARGE "MPC-647"
MARATHON PETROLEUM CORP.
INNAGE TABLE

1 PORT OR STAR

HULL NO. 2169-20

BARGE SHOULD BE ON EVEN-LEVEL KEEL WHEN GAUGES ARE TAKEN

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		N		N		N		N		N		N		N		N		N		N		N		N		N		N	
*	15.36	0	326.19	0	680.26	0	1,038.96	0	1,397.66	0	1,756.37	0	2,115.07	0	2,473.78	0	2,832.48	0	3,191.18	0	3,549.89	0	3,908.59	0	4,267.30	0	4,626.00	0	4,984.70
1/4	19.57	1/4	333.35	1/4	687.73	1/4	1,046.43	1/4	1,405.14	1/4	1,763.84	1/4	2,122.54	1/4	2,481.25	1/4	2,839.95	1/4	3,198.66	1/4	3,557.36	1/4	3,916.06	1/4	4,274.77	1/4	4,633.47	1/4	4,992.18
1/2	23.78	1/2	340.50	1/2	695.20	1/2	1,053.91	1/2	1,412.61	1/2	1,771.31	1/2	2,130.02	1/2	2,488.72	1/2	2,847.43	1/2	3,206.13	1/2	3,564.83	1/2	3,923.54	1/2	4,282.24	1/2	4,640.95	1/2	4,999.65
3/4	27.99	3/4	347.66	3/4	702.67	3/4	1,061.38	3/4	1,420.08	3/4	1,778.79	3/4	2,137.49	3/4	2,496.19	3/4	2,854.90	3/4	3,213.60	3/4	3,572.31	3/4	3,931.01	3/4	4,289.71	3/4	4,648.42	3/4	5,007.12
1	32.20	1	354.81	1	710.15	1	1,068.85	1	1,427.56	1	1,786.26	1	2,144.96	1	2,503.67	1	2,862.37	1	3,221.08	1	3,579.78	1	3,938.48	1	4,297.19	1	4,655.89	1	5,014.60
1/4	37.88	1/4	361.97	1/4	717.62	1/4	1,076.33	1/4	1,435.03	1/4	1,793.73	1/4	2,151.44	1/4	2,509.14	1/4	2,867.84	1/4	3,225.54	1/4	3,584.24	1/4	3,942.94	1/4	4,301.64	1/4	4,660.34	1/4	5,019.04
1/2	43.55	1/2	369.12	1/2	725.09	1/2	1,083.80	1/2	1,442.50	1/2	1,801.21	1/2	2,159.91	1/2	2,518.61	1/2	2,877.32	1/2	3,236.02	1/2	3,594.73	1/2	3,953.43	1/2	4,312.13	1/2	4,670.84	1/2	5,028.28
3/4	49.23	3/4	376.28	3/4	732.57	3/4	1,091.27	3/4	1,449.97	3/4	1,808.68	3/4	2,167.38	3/4	2,526.09	3/4	2,884.79	3/4	3,243.49	3/4	3,602.20	3/4	3,960.90	3/4	4,319.61	3/4	4,678.31	3/4	5,035.13
2	54.90	2	383.43	2	740.04	2	1,098.74	2	1,457.45	2	1,816.15	2	2,174.86	2	2,533.56	2	2,892.26	2	3,250.97	2	3,609.67	2	3,968.38	2	4,327.08	2	4,685.78	2	5,044.39
1/4	61.44	1/4	390.71	1/4	747.51	1/4	1,106.22	1/4	1,464.92	1/4	1,823.62	1/4	2,182.33	1/4	2,541.03	1/4	2,899.74	1/4	3,258.44	1/4	3,617.14	1/4	3,975.85	1/4	4,334.55	1/4	4,693.26	1/4	5,051.87
1/2	67.97	1/2	397.99	1/2	754.99	1/2	1,113.69	1/2	1,472.39	1/2	1,831.10	1/2	2,189.80	1/2	2,548.51	1/2	2,907.21	1/2	3,265.91	1/2	3,624.62	1/2	3,983.32	1/2	4,342.03	1/2	4,700.73	1/2	5,058.34
3/4	74.50	3/4	405.27	3/4	762.46	3/4	1,121.16	3/4	1,479.87	3/4	1,838.57	3/4	2,197.27	3/4	2,555.98	3/4	2,914.68	3/4	3,273.39	3/4	3,632.09	3/4	3,990.79	3/4	4,349.50	3/4	4,708.20	3/4	5,065.81
3	81.04	3	412.55	3	769.93	3	1,128.61	3	1,487.34	3	1,846.04	3	2,204.75	3	2,563.45	3	2,922.16	3	3,280.86	3	3,639.56	3	3,998.27	3	4,356.97	3	4,715.68	3	5,064.37
1/4	87.57	1/4	419.83	1/4	777.40	1/4	1,136.11	1/4	1,494.81	1/4	1,853.52	1/4	2,212.22	1/4	2,570.92	1/4	2,929.63	1/4	3,288.33	1/4	3,647.04	1/4	4,005.74	1/4	4,364.44	1/4	4,723.15	1/4	5,080.73
1/2	94.10	1/2	427.11	1/2	784.88	1/2	1,143.58	1/2	1,502.29	1/2	1,860.99	1/2	2,219.69	1/2	2,578.40	1/2	2,937.10	1/2	3,295.81	1/2	3,654.51	1/2	4,013.21	1/2	4,371.92	1/2	4,730.62	1/2	5,073.08
3/4	100.64	3/4	434.39	3/4	792.35	3/4	1,151.06	3/4	1,509.76	3/4	1,868.46	3/4	2,227.17	3/4	2,585.87	3/4	2,944.57	3/4	3,303.28	3/4	3,661.98	3/4	4,020.69	3/4	4,379.39	3/4	4,738.09	3/4	5,077.44
4	107.17	4	441.67	4	799.82	4	1,158.53	4	1,517.23	4	1,875.94	4	2,234.64	4	2,593.34	4	2,952.05	4	3,310.75	4	3,669.46	4	4,028.16	4	4,386.86	4	4,745.57	4	5,081.80
1/4	113.83	1/4	449.08	1/4	807.30	1/4	1,166.00	1/4	1,524.70	1/4	1,883.41	1/4	2,242.11	1/4	2,600.82	1/4	2,959.52	1/4	3,318.22	1/4	3,676.93	1/4	4,035.63	1/4	4,394.34	1/4	4,753.04	1/4	5,084.91
1/2	120.48	1/2	456.48	1/2	814.77	1/2	1,173.47	1/2	1,532.18	1/2	1,890.88	1/2	2,249.59	1/2	2,608.29	1/2	2,966.99	1/2	3,325.70	1/2	3,684.40	1/2	4,043.11	1/2	4,401.81	1/2	4,760.51	1/2	5,088.02
3/4	127.14	3/4	463.88	3/4	822.24	3/4	1,180.95	3/4	1,539.65	3/4	1,898.35	3/4	2,257.06	3/4	2,615.76	3/4	2,974.47	3/4	3,333.17	3/4	3,691.87	3/4	4,050.58	3/4	4,409.28	3/4	4,767.99	3/4	5,091.13
5	133.80	5	471.29	5	829.72	5	1,188.42	5	1,547.12	5	1,905.83	5	2,264.53	5	2,623.24	5	2,981.94	5	3,340.64	5	3,699.35	5	4,058.05	5	4,416.76	5	4,775.46	5	5,094.24
1/4	140.46	1/4	478.69	1/4	837.19	1/4	1,195.89	1/4	1,554.60	1/4	1,913.30	1/4	2,272.00	1/4	2,630.71	1/4	2,989.41	1/4	3,348.12	1/4	3,706.82	1/4	4,065.52	1/4	4,424.23	1/4	4,782.93	1/4	5,096.11
1/2	147.12	1/2	486.10	1/2	844.66	1/2	1,203.37	1/2	1,562.07	1/2	1,920.77	1/2	2,279.48	1/2	2,638.19	1/2	2,996.89	1/2	3,355.59	1/2	3,714.29	1/2	4,073.00	1/2	4,431.70	1/2	4,790.41	1/2	5,097.97
3/4	153.77	3/4	493.50	3/4	852.13	3/4	1,210.84	3/4	1,569.54	3/4	1,928.25	3/4	2,286.95	3/4	2,645.65	3/4	3,004.36	3/4	3,363.06	3/4	3,721.77	3/4	4,080.47	3/4	4,439.17	3/4	4,797.88	3/4	5,099.84
6	160.43	6	500.90	6	859.61	6	1,218.31	6	1,577.02	6	1,935.72	6	2,294.42	6	2,653.13	6	3,011.83	6	3,370.54	6	3,729.24	6	4,087.94	6	4,446.65	6	4,805.35	6	5,101.71
1/4	167.21	1/4	508.38	1/4	867.08	1/4	1,225.79	1/4	1,584.49	1/4	1,943.19	1/4	2,301.90	1/4	2,660.60	1/4	3,019.30	1/4	3,378.01	1/4	3,736.71	1/4	4,095.42	1/4	4,454.12	1/4	4,812.82	1/4	5,102.33
1/2	174.00	1/2	515.85	1/2	874.55	1/2	1,233.26	1/2	1,591.96	1/2	1,950.67	1/2	2,309.37	1/2	2,668.07	1/2	3,026.78	1/2	3,385.48	1/2	3,744.19	1/2	4,102.89	1/2	4,461.59	1/2	4,820.30	1/2	5,102.95
3/4	180.78	3/4	523.32	3/4	882.03	3/4	1,240.73	3/4	1,599.43	3/4	1,958.14	3/4	2,316.84	3/4	2,675.55	3/4	3,034.25	3/4	3,392.95	3/4	3,751.66	3/4	4,110.36	3/4	4,469.07	3/4	4,827.77	3/4	5,103.57
7	187.66	7	530.80	7	889.50	7	1,248.20	7	1,606.91	7	1,965.61	7	2,324.32	7	2,683.02	7	3,041.72	7	3,400.43	7	3,759.13	7	4,117.84	7	4,476.54	7	4,835.24	7	5,104.20
1/4	194.34	1/4	538.27	1/4	896.97	1/4	1,255.68	1/4	1,614.38	1/4	1,973.08	1/4	2,331.79	1/4	2,690.49	1/4	3,049.20	1/4	3,407.90	1/4	3,766.60	1/4	4,125.31	1/4	4,484.01	1/4	4,842.72	1/4	5,105.33
1/2	201.12	1/2	545.74	1/2	904.45	1/2	1,263.15	1/2	1,621.85	1/2	1,980.56	1/2	2,339.26	1/2	2,697.97	1/2	3,056.67	1/2	3,415.37	1/2	3,774.08	1/2	4,132.78	1/2	4,491.49	1/2	4,850.19	1/2	5,106.98
3/4	207.91	3/4	553.21	3/4	911.92	3/4	1,270.82	3/4	1,629.33	3/4	1,988.03	3/4	2,346.73	3/4	2,705.44	3/4	3,064.14	3/4	3,422.85	3/4	3,781.55	3/4	4,140.25	3/4	4,498.96	3/4	4,857.66	3/4	5,107.87
8	214.69	8	560.69	8	919.39	8	1,278.10	8	1,636.80	8	1,995.50	8	2,354.21	8	2,712.91	8	3,071.62	8	3,430.32	8	3,789.02	8	4,147.73						



BARGE "MPC-647"
MARATHON PETROLEUM CORP.
INNAGE TABLE

2 PORT OR STAR

HULL NO. 2169-20

BARGE SHOULD BE ON EVEN-LEVEL KEEL WHEN GAUGES ARE TAKEN

	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	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN															
0	*	15.27	0	359.84	0	719.36	0	1,078.88	0	1,438.40	0	1,797.92	0	2,157.44	0	2,516.96	0	2,876.48	0	3,236.00	0	3,595.52	0	3,955.04	0	4,314.56	0	4,674.08	0	5,033.60
1/4		19.96	1/4	387.33	1/4	726.85	1/4	1,086.37	1/4	1,445.89	1/4	1,805.41	1/4	2,164.93	1/4	2,524.45	1/4	2,883.97	1/4	3,243.49	1/4	3,603.01	1/4	3,962.53	1/4	4,322.05	1/4	4,681.57	1/4	5,041.09
1/2		24.64	1/2	374.82	1/2	734.34	1/2	1,093.86	1/2	1,453.38	1/2	1,812.90	1/2	2,172.42	1/2	2,531.94	1/2	2,891.46	1/2	3,250.98	1/2	3,610.50	1/2	3,970.02	1/2	4,329.54	1/2	4,689.06	1/2	5,048.58
3/4		29.32	3/4	382.31	3/4	741.83	3/4	1,101.35	3/4	1,460.87	3/4	1,820.39	3/4	2,179.91	3/4	2,539.43	3/4	2,898.95	3/4	3,258.47	3/4	3,617.99	3/4	3,977.51	3/4	4,337.03	3/4	4,696.55	3/4	5,056.07
1		34.01	1	389.80	1	749.32	1	1,108.84	1	1,468.36	1	1,827.88	1	2,187.40	1	2,546.92	1	2,906.44	1	3,265.96	1	3,625.48	1	3,985.00	1	4,344.52	1	4,704.04	1	5,063.56
1/4		40.57	1/4	397.29	1/4	756.81	1/4	1,116.33	1/4	1,475.85	1/4	1,835.37	1/4	2,194.89	1/4	2,554.41	1/4	2,913.93	1/4	3,273.45	1/4	3,632.97	1/4	3,992.49	1/4	4,352.01	1/4	4,711.53	1/4	5,070.43
1/2		47.12	1/2	404.78	1/2	764.30	1/2	1,123.82	1/2	1,483.34	1/2	1,842.86	1/2	2,202.38	1/2	2,561.90	1/2	2,921.42	1/2	3,280.94	1/2	3,640.46	1/2	3,999.98	1/2	4,359.50	1/2	4,719.02	1/2	5,077.30
3/4		53.68	3/4	412.27	3/4	771.79	3/4	1,131.31	3/4	1,490.83	3/4	1,850.35	3/4	2,209.87	3/4	2,569.39	3/4	2,928.91	3/4	3,288.43	3/4	3,647.95	3/4	4,007.47	3/4	4,366.99	3/4	4,726.51	3/4	5,084.17
2		60.24	2	419.76	2	779.28	2	1,138.80	2	1,498.32	2	1,857.84	2	2,217.36	2	2,576.88	2	2,936.40	2	3,295.92	2	3,655.44	2	4,014.96	2	4,374.48	2	4,734.00	2	5,091.04
1/4		67.73	1/4	427.25	1/4	786.77	1/4	1,146.29	1/4	1,505.81	1/4	1,865.33	1/4	2,224.85	1/4	2,584.37	1/4	2,943.89	1/4	3,303.41	1/4	3,662.93	1/4	4,022.45	1/4	4,381.97	1/4	4,741.49	1/4	5,098.66
1/2		75.22	1/2	434.74	1/2	794.26	1/2	1,153.78	1/2	1,513.30	1/2	1,872.82	1/2	2,232.34	1/2	2,591.86	1/2	2,951.38	1/2	3,310.90	1/2	3,670.42	1/2	4,029.94	1/2	4,389.46	1/2	4,748.98	1/2	5,102.28
3/4		82.71	3/4	442.23	3/4	801.75	3/4	1,161.27	3/4	1,520.79	3/4	1,880.31	3/4	2,239.83	3/4	2,598.35	3/4	2,958.87	3/4	3,318.39	3/4	3,677.91	3/4	4,037.43	3/4	4,396.95	3/4	4,756.47	3/4	5,107.90
3		90.20	3	449.72	3	809.24	3	1,168.76	3	1,528.28	3	1,887.80	3	2,247.32	3	2,606.84	3	2,966.36	3	3,325.88	3	3,685.40	3	4,044.92	3	4,404.44	3	4,763.96	3	5,113.52
1/4		97.69	1/4	457.21	1/4	816.73	1/4	1,176.25	1/4	1,536.77	1/4	1,895.29	1/4	2,256.30	1/4	2,614.33	1/4	2,973.85	1/4	3,333.37	1/4	3,692.89	1/4	4,052.41	1/4	4,411.93	1/4	4,771.45	1/4	5,117.90
1/2		105.18	1/2	464.70	1/2	824.22	1/2	1,183.74	1/2	1,543.26	1/2	1,902.78	1/2	2,262.30	1/2	2,621.33	1/2	2,980.38	1/2	3,340.86	1/2	3,700.38	1/2	4,059.90	1/2	4,419.42	1/2	4,778.94	1/2	5,122.27
3/4		112.67	3/4	472.19	3/4	831.71	3/4	1,191.23	3/4	1,550.75	3/4	1,910.27	3/4	2,269.79	3/4	2,629.31	3/4	2,988.83	3/4	3,348.35	3/4	3,707.87	3/4	4,067.39	3/4	4,426.91	3/4	4,786.43	3/4	5,126.84
4		120.16	4	479.68	4	839.20	4	1,198.72	4	1,558.24	4	1,917.76	4	2,277.28	4	2,636.80	4	2,996.32	4	3,355.84	4	3,715.36	4	4,074.88	4	4,434.40	4	4,793.92	4	5,131.01
1/4		127.65	1/4	487.17	1/4	846.69	1/4	1,206.21	1/4	1,565.73	1/4	1,925.25	1/4	2,284.77	1/4	2,644.29	1/4	3,003.81	1/4	3,363.33	1/4	3,722.85	1/4	4,082.37	1/4	4,441.89	1/4	4,801.41	1/4	5,134.13
1/2		135.14	1/2	494.66	1/2	854.18	1/2	1,213.70	1/2	1,573.22	1/2	1,932.74	1/2	2,292.26	1/2	2,651.78	1/2	3,011.30	1/2	3,370.82	1/2	3,730.34	1/2	4,089.86	1/2	4,449.38	1/2	4,808.90	1/2	5,137.26
3/4		142.63	3/4	502.15	3/4	861.67	3/4	1,221.19	3/4	1,580.71	3/4	1,940.23	3/4	2,299.75	3/4	2,659.27	3/4	3,018.79	3/4	3,378.31	3/4	3,737.83	3/4	4,097.35	3/4	4,456.87	3/4	4,816.39	3/4	5,140.38
5		150.12	5	509.64	5	869.16	5	1,228.68	5	1,588.20	5	1,947.72	5	2,307.24	5	2,666.76	5	3,026.28	5	3,385.80	5	3,745.32	5	4,104.84	5	4,464.36	5	4,823.88	5	5,143.50
1/4		157.61	1/4	517.13	1/4	876.65	1/4	1,236.17	1/4	1,595.69	1/4	1,955.21	1/4	2,314.73	1/4	2,674.25	1/4	3,033.77	1/4	3,393.29	1/4	3,752.81	1/4	4,112.33	1/4	4,471.85	1/4	4,831.37	1/4	5,146.38
1/2		165.10	1/2	524.62	1/2	884.14	1/2	1,243.66	1/2	1,603.18	1/2	1,962.70	1/2	2,322.22	1/2	2,681.74	1/2	3,041.26	1/2	3,400.78	1/2	3,760.30	1/2	4,119.82	1/2	4,479.34	1/2	4,838.86	1/2	5,147.25
3/4		172.59	3/4	532.11	3/4	891.63	3/4	1,251.15	3/4	1,610.67	3/4	1,970.19	3/4	2,329.71	3/4	2,689.23	3/4	3,048.75	3/4	3,408.27	3/4	3,767.79	3/4	4,127.31	3/4	4,486.83	3/4	4,846.35	3/4	5,149.13
6		180.08	6	539.60	6	899.12	6	1,258.64	6	1,618.16	6	1,977.68	6	2,337.20	6	2,696.72	6	3,065.72	6	3,415.76	6	3,775.28	6	4,134.80	6	4,494.32	6	4,853.84	6	5,151.00
1/4		187.57	1/4	547.09	1/4	906.61	1/4	1,266.13	1/4	1,625.65	1/4	1,985.17	1/4	2,344.69	1/4	2,704.21	1/4	3,053.23	1/4	3,423.25	1/4	3,782.77	1/4	4,142.29	1/4	4,501.81	1/4	4,861.33	1/4	5,151.62
1/2		195.06	1/2	554.58	1/2	914.10	1/2	1,273.62	1/2	1,633.14	1/2	1,992.66	1/2	2,352.18	1/2	2,711.70	1/2	3,071.22	1/2	3,430.74	1/2	3,790.26	1/2	4,149.78	1/2	4,509.30	1/2	4,868.82	1/2	5,152.25
3/4		202.55	3/4	562.07	3/4	921.59	3/4	1,281.11	3/4	1,640.63	3/4	2,000.15	3/4	2,359.67	3/4	2,719.19	3/4	3,078.71	3/4	3,438.23	3/4	3,797.75	3/4	4,157.27	3/4	4,516.79	3/4	4,876.31	3/4	5,152.87
7		210.04	7	569.56	7	929.08	7	1,288.60	7	1,648.12	7	2,007.64	7	2,367.16	7	2,726.68	7	3,086.20	7	3,445.72	7	3,805.24	7	4,164.76	7	4,524.28	7	4,883.80	7	5,153.50
1/4		217.53	1/4	577.05	1/4	936.57	1/4	1,296.09	1/4	1,655.61	1/4	2,015.13	1/4	2,374.17	1/4	2,734.17	1/4	3,093.69	1/4	3,453.21	1/4	3,812.73	1/4	4,172.25	1/4	4,531.77	1/4	4,891.29	1/4	5,154.00
1/2		225.02	1/2	584.54	1/2	944.06	1/2	1,303.58	1/2	1,663.10	1/2	2,022.62	1/2	2,382.14	1/2	2,741.66	1/2	3,101.18	1/2	3,460.70	1/2	3,820.22	1/2	4,179.74	1/2	4,539.26	1/2	4,898.78	1/2	5,154.50
3/4		232.51	3/4	592.03	3/4	951.55	3/4	1,311.07	3/4	1,670.59	3/4	2,030.16	3/4	2,389.63	3/4	2,749.15	3/4	3,108.67	3/4	3,468.19	3/4	3,827.71	3/4	4,187.23	3/4	4,546.75	3/4	4,906.27	3/4	5,155.00
8		240.00	8	599.52	8	959.04	8	1,318.56	8	1,678.57	8	2,035.60	8	2,367.12	8	2,756.64	8	3,116.16												



BARGE "MPC-647"
MARATHON PETROLEUM CORP.

INNAGE TABLE

3 PORT OR STAR

BARGE SHOULD BE ON EVEN-LEVEL KEEL WHEN GAUGES ARE TAKEN

HULL NO. 2169-20

	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	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14
0	0	15.21	358.90	717.55	1,076.21	1,434.86	1,793.52	2,152.18	2,510.83	2,869.49	3,228.14	3,587.76	3,946.41	4,305.06	4,663.71	5,022.36
1/4	1/4	19.88	366.37	725.02	1,083.68	1,442.34	1,800.99	2,159.65	2,518.30	2,876.96	3,235.62	3,594.28	3,952.94	4,311.60	4,670.26	5,028.92
1/2	1/2	24.55	373.84	732.50	1,091.15	1,449.81	1,808.46	2,167.12	2,525.78	2,884.43	3,243.09	3,601.75	3,960.41	4,319.07	4,677.73	5,036.39
3/4	3/4	29.21	381.31	739.97	1,098.62	1,457.28	1,815.94	2,174.59	2,533.25	2,891.90	3,250.56	3,609.22	3,967.88	4,326.54	4,685.20	5,043.86
1	1	33.88	388.78	747.44	1,106.10	1,464.75	1,823.41	2,182.06	2,540.72	2,899.38	3,258.03	3,616.69	3,975.35	4,334.01	4,692.67	5,051.33
1/4	1/4	40.41	396.26	754.91	1,113.57	1,472.22	1,830.88	2,189.54	2,548.20	2,906.86	3,265.52	3,624.18	3,982.84	4,341.50	4,700.16	5,058.82
1/2	1/2	46.95	403.73	762.38	1,121.04	1,479.70	1,838.35	2,197.01	2,555.66	2,914.32	3,272.98	3,631.64	3,990.30	4,348.96	4,707.62	5,066.28
3/4	3/4	53.48	411.20	769.86	1,128.51	1,487.17	1,845.82	2,204.48	2,563.14	2,921.79	3,280.45	3,639.11	3,997.77	4,356.43	4,715.09	5,073.75
1	2	60.02	418.67	777.33	1,135.98	1,494.64	1,853.30	2,211.95	2,570.61	2,929.26	3,287.92	3,646.58	3,999.24	4,357.90	4,716.56	5,075.22
1/4	1/4	67.49	426.14	784.80	1,143.46	1,502.11	1,860.77	2,219.42	2,578.08	2,936.74	3,295.39	3,654.05	3,999.24	4,357.90	4,716.56	5,075.22
1/2	1/2	74.96	432.62	792.27	1,150.93	1,509.58	1,868.24	2,226.90	2,585.55	2,944.21	3,302.86	3,661.52	3,999.24	4,357.90	4,716.56	5,075.22
3/4	3/4	82.43	441.09	799.74	1,159.40	1,517.06	1,875.71	2,234.37	2,593.02	2,951.68	3,310.34	3,669.00	3,999.24	4,357.90	4,716.56	5,075.22
1	3	89.90	448.56	807.22	1,165.87	1,524.53	1,883.18	2,241.84	2,600.50	2,959.15	3,317.81	3,676.47	3,999.24	4,357.90	4,716.56	5,075.22
1/4	1/4	97.38	456.03	814.69	1,173.34	1,532.00	1,890.66	2,249.31	2,607.97	2,966.62	3,325.28	3,683.94	3,999.24	4,357.90	4,716.56	5,075.22
1/2	1/2	104.85	463.50	822.16	1,180.82	1,539.47	1,898.13	2,256.78	2,615.44	2,974.10	3,332.75	3,690.41	3,999.24	4,357.90	4,716.56	5,075.22
3/4	3/4	112.32	470.98	829.63	1,188.29	1,546.94	1,905.60	2,264.26	2,622.91	2,981.57	3,340.22	3,697.88	3,999.24	4,357.90	4,716.56	5,075.22
1	4	119.79	478.45	837.10	1,195.76	1,554.42	1,913.07	2,271.73	2,630.38	2,989.04	3,347.70	3,706.36	3,999.24	4,357.90	4,716.56	5,075.22
1/4	1/4	127.26	485.92	844.58	1,203.23	1,561.89	1,920.54	2,279.20	2,637.86	2,996.51	3,355.17	3,713.83	3,999.24	4,357.90	4,716.56	5,075.22
1/2	1/2	134.74	493.39	852.05	1,210.70	1,569.36	1,928.02	2,286.67	2,645.33	3,003.98	3,362.64	3,721.30	3,999.24	4,357.90	4,716.56	5,075.22
3/4	3/4	142.21	500.86	859.52	1,218.18	1,576.83	1,935.49	2,294.14	2,652.80	3,011.46	3,370.11	3,728.73	3,999.24	4,357.90	4,716.56	5,075.22
1	5	149.68	508.34	866.99	1,225.65	1,584.30	1,942.96	2,301.62	2,660.27	3,018.93	3,377.58	3,736.20	3,999.24	4,357.90	4,716.56	5,075.22
1/4	1/4	157.15	515.81	874.46	1,233.12	1,591.78	1,950.43	2,309.09	2,667.74	3,026.40	3,385.06	3,743.68	3,999.24	4,357.90	4,716.56	5,075.22
1/2	1/2	164.62	523.28	881.94	1,240.59	1,599.25	1,957.90	2,316.56	2,675.22	3,033.87	3,392.53	3,750.15	3,999.24	4,357.90	4,716.56	5,075.22
3/4	3/4	172.10	530.75	889.41	1,248.06	1,606.72	1,965.38	2,324.03	2,682.69	3,041.34	3,400.00	3,757.62	3,999.24	4,357.90	4,716.56	5,075.22
1	6	179.57	538.22	896.88	1,255.54	1,614.19	1,972.85	2,331.50	2,690.16	3,048.82	3,407.47	3,766.09	3,999.24	4,357.90	4,716.56	5,075.22
1/4	1/4	187.04	545.70	904.35	1,263.01	1,621.66	1,980.32	2,338.98	2,697.63	3,056.29	3,414.94	3,773.56	3,999.24	4,357.90	4,716.56	5,075.22
1/2	1/2	194.51	553.17	911.82	1,270.48	1,629.14	1,987.79	2,346.45	2,705.10	3,063.76	3,422.42	3,780.04	3,999.24	4,357.90	4,716.56	5,075.22
3/4	3/4	201.98	560.64	919.30	1,277.95	1,636.61	1,995.26	2,353.92	2,712.58	3,071.23	3,428.55	3,785.83	3,999.24	4,357.90	4,716.56	5,075.22
1	7	209.46	568.11	926.77	1,285.42	1,644.08	2,002.74	2,361.39	2,720.05	3,078.70	3,434.88	3,793.00	3,999.24	4,357.90	4,716.56	5,075.22
1/4	1/4	216.93	575.58	934.24	1,292.90	1,651.55	2,010.21	2,368.86	2,727.52	3,086.18	3,440.82	3,799.04	3,999.24	4,357.90	4,716.56	5,075.22
1/2	1/2	224.40	583.06	941.71	1,300.37	1,659.02	2,017.68	2,376.34	2,734.99	3,093.65	3,446.95	3,799.04	3,999.24	4,357.90	4,716.56	5,075.22
3/4	3/4	231.87	590.53	949.18	1,307.84	1,666.50	2,025.15	2,383.81	2,742.46	3,101.12	3,453.01	3,807.13	3,999.24	4,357.90	4,716.56	5,075.22
1	8	239.34	598.00	956.66	1,315.31	1,673.97	2,032.62	2,391.28	2,749.94	3,085.98	3,459.08	3,813.10	3,999.24	4,357.90	4,716.56	5,075.22
1/4	1/4	246.82	605.47	964.13	1,322.78	1,681.44	2,040.10	2,398.75	2,757.41	3,116.06	3,485.14	3,849.17	3,999.24	4,357.90	4,716.56	5,075.22
1/2	1/2	254.29	612.94	971.60	1,330.26	1,688.91	2,047.57	2,406.22	2,764.88	3,123.54	3,492.62	3,856.65	3,999.24	4,357.90	4,716.56	5,075.22
3/4	3/4	261.76	620.42	979.07	1,337.73	1,696.38	2,052.04	2,413.70	2,772.35	3,131.01	3,497.19	3,866.76	3,999.24	4,357.90	4,716.56	5,075.22
1	9	269.23	627.89	986.54	1,345.20	1,703.86	2,058.51	2,421.17	2,779.82	3,138.48	3,483.18	3,863.36	3,999.24	4,357.90	4,716.56	5,075.22
1/4	1/4	276.70	635.36	994.02	1,352.67	1,711.33	2,069.98	2,428.64	2,787.30	3,145.95	3,489.17	3,868.10	3,999.24	4,357.90	4,716.56	5,075.22
1/2	1/2	284.18	642.83	1,001.49	1,360.14	1,718.80	2,077.46	2,436.11	2,794.77	3,153.42	3,495.16	3,877.84	3,999.24	4,357.90	4,716.56	5,075.22
3/4	3/4	291.65	650.30	1,008.96	1,367.62	1,726.27	2,084.93	2,443.58	2,802.24	3,160.98	3,501.08	3,884.31	3,999.24	4,357.90	4,716.56	5,075.22
1	10	299.12	657.78	1,016.43	1,375.09	1,733.74	2,092.40	2,451.06	2,809.71	3,168.37	3,507.00	3,893.05	3,999.24	4,357.90	4,716.56	5,075.22
1/4	1/4	306.59	665.25	1,023.90	1,382.56	1,741.22	2,099.87	2,458.53	2,817.18	3,175.84	3,512.91	3,899.05	3,999.24	4,357.90	4,716.56	5,075.22
1/2	1/2	314.06	672.72	1,031.38	1,390.03	1,748.69	2,107.34	2,466.00	2,824.66	3,183.31	3,518.83	3,904.31	3,999.24	4,357.90	4,716.56	5,075.22
3/4	3/4	321.54	680.19	1,039.85	1,397.50	1,756.16	2,114.82	2,473.47	2,832.33	3,192.78	3,524.68	3,909.52	3,999.24	4,357.90	4,716.56	5,075.22
1	11	329.01	687.66	1,046.32	1,404.98	1,763.63	2,122.29	2,480.94	2,839.60	3,198.26	3,530.52	3,916.01	3,999.24	4,357.90	4,716.56	5,075.22
1/4	1/4	336.48	695.14	1,053.79	1,412.45	1,771.10	2,129.76	2,488.42	2,847.07	3,205.73	3,536.37	3,921.90	3,999.24	4,357.90	4,716.56	5,075.22
1/2	1/2	343.95	702.61	1,061.26	1,419.92	1,778.58	2,137.23	2,495.89	2,854.21	3,213.20	3,542.21	3,928.93	3,999.24	4,357.90	4,716.56	5,075.22
3/4	3/4	351.42	710.08	1,068.74	1,427.39	1,786.05	2,144.70	2,503.36	2,862.02	3,220.67	3,547.99	3,934.47	3,999.24	4,357.90	4,716.56	5,075.22