



BARGE "MPC-648"
MARATHON PETROLEUM CORP.

INNAGE TABLE

1 PORT OR STAR

		BARGE SHOULD BE ON EVEN-LEVEL KEEL WHEN GAUGES ARE TAKEN																HULL NO. 2169-22	
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.	15 FT.	16 FT.		
0	15.36	326.19	0	1,037.95	0	1,754.02	0	2,470.08	0	3,186.14	0	3,902.21	0	4,260.24	0	4,618.27	0	4,976.30	
1/4	19.57	333.35	1/4	1,045.41	1/4	1,761.48	1/4	2,485.57	1/4	3,199.63	1/4	3,909.67	1/4	4,267.70	1/4	4,625.73	1/4	4,983.76	
1/2	23.78	340.50	1/2	1,052.87	1/2	1,768.93	1/2	2,495.00	1/2	3,201.06	1/2	3,917.13	1/2	4,275.16	1/2	4,633.19	1/2	4,991.22	
3/4	27.99	347.66	3/4	1,060.33	3/4	1,776.39	3/4	2,492.45	3/4	3,208.52	3/4	3,924.58	3/4	4,282.62	3/4	4,640.65	3/4	4,998.68	
1	32.20	354.81	1	1,067.79	1	1,783.85	1	2,499.92	1	3,215.98	1	3,932.04	1	4,290.08	1	4,648.11	1	5,006.14	
1/4	37.88	361.97	1/4	1,075.25	1/4	1,791.31	1/4	2,507.37	1/4	3,223.44	1/4	3,939.50	1/4	4,297.53	1/4	4,655.57	1/4	5,012.98	
1/2	43.55	369.12	1/2	1,082.71	1/2	1,798.77	1/2	2,514.83	1/2	3,230.90	1/2	3,946.96	1/2	4,304.99	1/2	4,663.03	1/2	5,019.83	
3/4	49.23	376.28	3/4	1,090.17	3/4	1,806.23	3/4	2,522.29	3/4	3,238.36	3/4	3,954.42	3/4	4,312.45	3/4	4,670.48	3/4	5,026.67	
2	54.90	383.43	2	1,097.62	2	1,813.69	2	2,529.75	2	3,245.82	2	3,961.88	2	4,319.91	2	4,677.94	2	5,033.52	
1/4	61.44	390.71	1/4	1,105.08	1/4	1,821.15	1/4	2,537.21	1/4	3,253.27	1/4	3,969.34	1/4	4,327.37	1/4	4,685.40	1/4	5,039.12	
1/2	67.97	397.99	1/2	1,112.54	1/2	1,828.61	1/2	2,544.67	1/2	3,260.73	1/2	3,976.80	1/2	4,334.83	1/2	4,692.86	1/2	5,044.72	
3/4	74.50	405.27	3/4	1,120.00	3/4	1,836.07	3/4	2,552.13	3/4	3,268.19	3/4	3,984.26	3/4	4,342.29	3/4	4,700.32	3/4	5,050.32	
3	81.04	412.55	3	1,127.46	3	1,843.52	3	2,559.59	3	3,275.65	3	3,991.72	3	4,349.75	3	4,707.78	3	5,055.92	
1/4	87.57	419.83	1/4	1,134.92	1/4	1,850.98	1/4	2,567.05	1/4	3,283.11	1/4	3,999.17	1/4	4,357.21	1/4	4,715.24	1/4	5,060.27	
1/2	94.10	427.11	1/2	1,142.38	1/2	1,858.44	1/2	2,574.51	1/2	3,290.57	1/2	4,006.63	1/2	4,364.67	1/2	4,722.70	1/2	5,064.63	
3/4	100.64	434.39	3/4	1,149.84	3/4	1,865.90	3/4	2,581.96	3/4	3,298.03	3/4	4,014.09	3/4	4,372.12	3/4	4,730.16	3/4	5,068.98	
4	107.17	441.67	4	1,157.30	4	1,873.36	4	2,589.42	4	3,305.49	4	4,021.55	4	4,379.58	4	4,737.62	4	5,073.34	
1/4	113.83	448.08	1/4	1,164.76	1/4	1,880.82	1/4	2,596.88	1/4	3,312.95	1/4	4,029.01	1/4	4,387.04	1/4	4,745.07	1/4	5,076.45	
1/2	120.48	455.48	1/2	1,172.21	1/2	1,888.28	1/2	2,604.34	1/2	3,320.41	1/2	4,036.47	1/2	4,394.50	1/2	4,752.53	1/2	5,079.56	
3/4	127.14	463.88	3/4	1,179.67	3/4	1,895.74	3/4	2,611.80	3/4	3,327.86	3/4	4,043.93	3/4	4,401.96	3/4	4,759.99	3/4	5,082.67	
5	133.80	471.29	5	1,187.13	5	1,903.20	5	2,619.26	5	3,335.32	5	4,051.39	5	4,409.42	5	4,767.45	5	5,085.78	
1/4	140.46	478.69	1/4	1,194.59	1/4	1,910.66	1/4	2,626.72	1/4	3,342.78	1/4	4,058.85	1/4	4,416.88	1/4	4,774.91	1/4	5,087.65	
1/2	147.12	486.10	1/2	1,202.05	1/2	1,918.01	1/2	2,634.18	1/2	3,350.24	1/2	4,066.31	1/2	4,424.34	1/2	4,782.37	1/2	5,089.52	
3/4	153.77	493.50	3/4	1,209.51	3/4	1,925.57	3/4	2,641.64	3/4	3,357.70	3/4	4,073.76	3/4	4,431.80	3/4	4,789.83	3/4	5,091.38	
6	160.43	500.90	6	1,216.97	6	1,933.03	6	2,649.10	6	3,365.16	6	4,081.22	6	4,439.26	6	4,797.29	6	5,093.25	
1/4	167.21	508.30	1/4	1,224.43	1/4	1,940.49	1/4	2,656.55	1/4	3,372.62	1/4	4,088.68	1/4	4,446.71	1/4	4,804.75	1/4	5,093.87	
1/2	174.00	515.82	1/2	1,231.89	1/2	1,947.95	1/2	2,664.01	1/2	3,380.08	1/2	4,096.14	1/2	4,454.17	1/2	4,812.21	1/2	5,094.50	
3/4	180.78	523.28	3/4	1,239.35	3/4	1,955.41	3/4	2,671.47	3/4	3,387.54	3/4	4,103.60	3/4	4,461.63	3/4	4,819.66	3/4	5,095.12	
7	187.56	530.74	7	1,246.80	7	1,962.87	7	2,678.93	7	3,395.00	7	4,111.06	7	4,469.09	7	4,827.12	7	5,095.74	
1/4	194.34	538.20	1/4	1,254.26	1/4	1,970.33	1/4	2,686.39	1/4	3,402.45	1/4	4,118.52	1/4	4,476.55	1/4	4,834.58	1/4		
1/2	201.12	545.66	1/2	1,261.72	1/2	1,977.79	1/2	2,693.85	1/2	3,409.91	1/2	4,125.98	1/2	4,484.01	1/2	4,842.04	1/2		
3/4	207.91	553.12	3/4	1,269.18	3/4	1,985.25	3/4	2,701.31	3/4	3,417.37	3/4	4,133.44	3/4	4,491.47	3/4	4,849.50	3/4		
8	214.69	560.58	8	1,276.64	8	1,992.70	8	2,708.77	8	3,424.83	8	4,140.90	8	4,498.93	8	4,856.96	8		
1/4	221.60	568.03	1/4	1,284.10	1/4	2,000.16	1/4	2,716.23	1/4	3,432.29	1/4	4,148.35	1/4	4,506.39	1/4	4,864.42	1/4		
1/2	228.50	575.49	1/2	1,291.56	1/2	2,007.62	1/2	2,723.69	1/2	3,439.75	1/2	4,155.81	1/2	4,513.85	1/2	4,871.88	1/2		
3/4	235.41	582.95	3/4	1,299.02	3/4	2,015.08	3/4	2,731.14	3/4	3,447.21	3/4	4,163.27	3/4	4,521.30	3/4	4,879.34	3/4		
9	242.32	590.41	9	1,306.48	9	2,022.54	9	2,738.60	9	3,454.67	9	4,170.73	9	4,528.76	9	4,886.80	9		
1/4	249.22	597.87	1/4	1,313.94	1/4	2,030.00	1/4	2,746.06	1/4	3,462.13	1/4	4,178.19	1/4	4,536.22	1/4	4,894.25	1/4		
1/2	256.13	605.33	1/2	1,321.39	1/2	2,037.46	1/2	2,753.52	1/2	3,469.59	1/2	4,185.65	1/2	4,543.68	1/2	4,901.71	1/2		
3/4	263.04	612.79	3/4	1,328.85	3/4	2,044.92	3/4	2,760.98	3/4	3,477.04	3/4	4,193.11	3/4	4,551.14	3/4	4,909.17	3/4		
10	269.94	620.25	10	1,336.31	10	2,052.38	10	2,768.44	10	3,484.54	10	4,200.57	10	4,558.60	10	4,916.63	10		
1/4	276.98	627.71	1/4	1,343.77	1/4	2,059.84	1/4	2,775.90	1/4	3,491.96	1/4	4,208.03	1/4	4,566.06	1/4	4,924.09	1/4		
1/2	284.00	635.17	1/2	1,351.23	1/2	2,067.29	1/2	2,783.36	1/2	3,499.42	1/2	4,215.49	1/2	4,573.52	1/2	4,931.55	1/2		
3/4	291.04	642.62	3/4	1,358.69	3/4	2,074.75	3/4	2,790.82	3/4	3,506.88	3/4	4,222.94	3/4	4,580.98	3/4	4,939.01	3/4		
11	298.07	650.08	11	1,366.15	11	2,082.21	11	2,798.28	11	3,514.34	11	4,230.40	11	4,588.44	11	4,946.47	11		
1/4	305.10	657.54	1/4	1,373.61	1/4	2,089.67	1/4	2,805.73	1/4	3,521.80	1/4	4,237.86	1/4	4,595.89	1/4	4,953.93	1/4		
1/2	312.13	665.00	1/2	1,381.07	1/2	2,097.10	1/2	2,813.19	1/2	3,529.26	1/2	4,245.32	1/2	4,603.35	1/2	4,961.39	1/2		
3/4	319.16	672.46	3/4	1,388.53	3/4	2,104.59	3/4	2,820.65	3/4	3,536.72	3/4	4,252.78	3/4	4,610.81	3/4	4,968.84	3/4		

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

STRAPPED: 10/20/08

* CAPACITY BELOW STRIKE POINT.

REFERENCE GAUGE HEIGHT : 15'-7" (RIM OF 2" DIAMETER BALL VALVE
LOCATED NEAR CENTER OF TANK)

WE CERTIFY ALL MEASUREMENTS AND COMPUTATIONS ARE
IN ACCORDANCE WITH APPLICABLE API STANDARDS AND
ARE TRUE AND CORRECT TO THE BEST OF OUR KNOWLEDGE.

S. Charnault
INSPECTORATE AMERICA CORPORATION



BARGE "MPC-648"
MARATHON PETROLEUM CORP.
INNAGE TABLE

2 PORT OR STAR

BARGE SHOULD BE ON EVEN-LEVEL KEEL WHEN GAUGES ARE TAKEN																												HULL NO. 2169-22											
	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.	IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.										
	* 15.27	0	359.92	0	719.54	0	1,079.15	0	1,438.77	0	1,798.38	0	2,158.00	0	2,517.62	0	2,877.23	0	3,236.85	0	3,596.46	0	3,956.08	0	4,315.70	0	4,675.31	0	5,034.93										
	19.96	1/4	367.41	1/4	727.03	1/4	1,086.64	1/4	1,446.26	1/4	1,805.88	1/4	2,165.49	1/4	2,525.11	1/4	2,884.72	1/4	3,244.34	1/4	3,603.96	1/4	3,963.57	1/4	4,323.19	1/4	4,682.80	1/4	5,042.42										
	24.64	1/2	734.52	1/2	1,094.14	1/2	1,453.75	1/2	1,813.37	1/2	2,172.98	1/2	2,532.60	1/2	2,892.22	1/2	3,251.83	1/2	3,611.45	1/2	3,971.06	1/2	4,330.68	1/2	4,690.30	1/2	5,049.91	1/2	5,409.53										
	29.32	3/4	742.01	3/4	1,101.63	3/4	1,461.24	3/4	1,820.86	3/4	2,180.48	3/4	2,540.09	3/4	2,899.71	3/4	3,259.32	3/4	3,618.94	3/4	3,978.56	3/4	4,338.17	3/4	4,697.79	3/4	5,057.40	3/4	5,417.02										
	34.01	1	389.89	1	749.50	1	1,109.12	1	1,468.74	1	1,828.35	1	2,187.97	1	2,547.58	1	2,907.20	1	3,266.82	1	3,626.43	1	3,986.05	1	4,345.66	1	4,705.28	1	5,064.90										
	40.57	1/4	397.38	1/4	757.00	1/4	1,116.61	1/4	1,476.23	1/4	1,835.84	1/4	2,195.46	1/4	2,555.08	1/4	2,914.69	1/4	3,274.31	1/4	3,633.92	1/4	3,993.54	1/4	4,353.16	1/4	4,712.77	1/4	5,071.77										
	47.12	1/2	404.87	1/2	764.49	1/2	1,124.10	1/2	1,483.72	1/2	1,843.34	1/2	2,202.95	1/2	2,562.57	1/2	2,922.18	1/2	3,281.80	1/2	3,641.42	1/2	4,001.03	1/2	4,360.65	1/2	4,720.26	1/2	5,078.64										
	53.68	3/4	412.36	3/4	771.98	3/4	1,131.60	3/4	1,491.21	3/4	1,850.83	3/4	2,210.44	3/4	2,570.06	3/4	2,929.68	3/4	3,289.29	3/4	3,648.91	3/4	4,008.52	3/4	4,368.14	3/4	4,727.76	3/4	5,085.51										
	60.24	2	419.86	2	779.47	2	1,139.09	2	1,498.70	2	1,868.32	2	2,227.90	2	2,587.52	2	2,937.17	2	3,296.78	2	3,656.40	2	4,016.02	2	4,375.63	2	4,735.25	2	5,092.38										
	67.73	1/4	427.35	1/4	786.96	1/4	1,146.58	1/4	1,506.20	1/4	1,865.81	1/4	2,225.43	1/4	2,585.04	1/4	2,944.66	1/4	3,304.28	1/4	3,663.89	1/4	4,023.51	1/4	4,383.12	1/4	4,742.74	1/4	5,098.00										
	75.22	1/2	434.84	1/2	794.46	1/2	1,154.07	1/2	1,513.69	1/2	1,873.30	1/2	2,232.92	1/2	2,592.54	1/2	2,952.15	1/2	3,311.77	1/2	3,671.38	1/2	4,031.00	1/2	4,390.62	1/2	4,750.23	1/2	5,103.62										
	82.72	3/4	442.33	3/4	801.95	3/4	1,161.56	3/4	1,521.18	3/4	1,880.80	3/4	2,240.41	3/4	2,600.03	3/4	2,959.64	3/4	3,319.26	3/4	3,678.88	3/4	4,038.49	3/4	4,398.11	3/4	4,757.72	3/4	5,109.24										
	90.21	3	449.82	3	809.44	3	1,169.06	3	1,528.67	3	1,888.29	3	2,247.90	3	2,607.52	3	2,967.14	3	3,326.75	3	3,686.37	3	4,045.98	3	4,405.60	3	4,765.22	3	5,114.86										
	97.70	1/4	457.32	1/4	816.93	1/4	1,176.55	1/4	1,536.16	1/4	1,895.78	1/4	2,255.40	1/4	2,615.01	1/4	2,974.63	1/4	3,334.24	1/4	3,693.86	1/4	4,053.48	1/4	4,413.09	1/4	4,772.71	1/4	5,119.23										
	105.19	1/2	464.81	1/2	824.42	1/2	1,184.04	1/2	1,543.66	1/2	1,903.27	1/2	2,262.89	1/2	2,622.50	1/2	2,982.12	1/2	3,341.74	1/2	3,701.35	1/2	4,060.97	1/2	4,420.58	1/2	4,780.20	1/2	5,123.60										
	112.68	3/4	472.30	3/4	831.92	3/4	1,191.53	3/4	1,551.15	3/4	1,910.76	3/4	2,270.38	3/4	2,630.00	3/4	2,989.61	3/4	3,349.23	3/4	3,708.84	3/4	4,068.46	3/4	4,428.08	3/4	4,787.69	3/4	5,127.98										
	120.18	4	479.79	4	839.41	4	1,199.02	4	1,558.64	4	1,918.26	4	2,277.87	4	2,637.49	4	2,997.10	4	3,356.72	4	3,716.34	4	4,075.95	4	4,435.57	4	4,795.18	4	5,132.35										
	127.67	1/4	487.28	1/4	846.90	1/4	1,206.52	1/4	1,566.13	1/4	1,925.76	1/4	2,284.98	1/4	2,644.58	1/4	3,004.60	1/4	3,364.21	1/4	3,723.83	1/4	4,083.44	1/4	4,443.06	1/4	4,802.68	1/4	5,135.47										
	135.16	1/2	494.74	1/2	854.39	1/2	1,214.01	1/2	1,573.62	1/2	1,933.24	1/2	2,292.86	1/2	2,652.47	1/2	3,012.09	1/2	3,371.70	1/2	3,731.32	1/2	4,090.94	1/2	4,450.55	1/2	4,810.17	1/2	5,138.59										
	142.65	3/4	502.27	3/4	861.88	3/4	1,221.50	3/4	1,581.12	3/4	1,940.73	3/4	2,300.35	3/4	2,659.96	3/4	3,015.58	3/4	3,375.20	3/4	3,738.81	3/4	4,098.43	3/4	4,458.04	3/4	4,817.66	3/4	5,141.72										
	150.14	5	509.75	5	869.38	5	1,228.99	5	1,588.61	5	1,948.22	5	2,307.84	5	2,667.46	5	3,027.07	5	3,386.69	5	3,746.30	5	4,105.92	5	4,465.54	5	4,825.15	5	5,144.84										
	157.64	1/4	517.25	1/4	876.87	1/4	1,236.48	1/4	1,596.10	1/4	1,955.72	1/4	2,316.33	1/4	2,674.95	1/4	3,043.56	1/4	3,394.18	1/4	3,753.80	1/4	4,113.41	1/4	4,473.03	1/4	4,832.64	1/4	5,146.71										
	165.13	1/2	524.74	1/2	884.36	1/2	1,243.98	1/2	1,603.59	1/2	1,963.21	1/2	2,322.82	1/2	2,682.44	1/2	3,042.06	1/2	3,401.67	1/2	3,761.29	1/2	4,120.90	1/2	4,480.52	1/2	4,840.14	1/2	5,148.59										
	172.62	3/4	532.24	3/4	891.85	3/4	1,251.47	3/4	1,611.08	3/4	1,970.70	3/4	2,330.32	3/4	2,689.93	3/4	3,043.55	3/4	3,403.16	3/4	3,762.78	3/4	4,128.40	3/4	4,488.01	3/4	4,847.63	3/4	5,150.46										
	180.11	6	539.73	6	899.34	6	1,258.96	6	1,618.58	6	1,978.19	6	2,337.81	6	2,697.42	6	3,057.04	6	3,416.66	6	3,776.27	6	4,135.89	6	4,495.50	6	4,855.12	6	5,152.34										
	187.60	1/4	547.22	1/4	906.84	1/4	1,266.45	1/4	1,626.07	1/4	1,985.68	1/4	2,345.30	1/4	2,704.92	1/4	3,064.53	1/4	3,424.15	1/4	3,783.76	1/4	4,143.38	1/4	4,503.00	1/4	4,862.61	1/4	5,152.96										
	195.10	1/2	554.71	1/2	914.33	1/2	1,273.94	1/2	1,633.56	1/2	1,993.18	1/2	2,352.79	1/2	2,712.41	1/2	3,072.02	1/2	3,431.64	1/2	3,791.26	1/2	4,150.87	1/2	4,510.49	1/2	4,870.10	1/2	5,153.99										
	202.59	3/4	562.20	3/4	921.82	3/4	1,281.44	3/4	1,641.05	3/4	2,000.67	3/4	2,360.28	3/4	2,719.90	3/4	3,079.52	3/4	3,439.13	3/4	3,798.75	3/4	4,158.36	3/4	4,517.98	3/4	4,877.60	3/4	5,154.21										
	210.08	7	570.70	7	929.31	7	1,288.93	7	1,648.54	7	2,008.16	7	2,372.78	7	2,732.98	7	3,087.01	7	3,446.62	7	3,806.24	7	4,165.86	7	4,525.47	7	4,885.09	7	5,154.84										
	217.57	1/4	577.19	1/4	936.80	1/4	1,296.42	1/4	1,656.04	1/4	2,015.65	1/4	2,375.27	1/4	2,734.88	1/4	3,094.50	1/4	3,454.12	1/4	3,813.73	1/4	4,173.35	1/4	4,532.96	1/4	4,892.58	1/4	5,154.84										
	225.06	1/2	584.68	1/2	944.30	1/2	1,303.91	1/2	1,663.53	1/2	2,023.14	1/2	2,382.76	1/2	2,742.38	1/2	3,101.99	1/2	3,461.61	1/2	3,821.22	1/2	4,180.84	1/2	4,540.46	1/2	4,900.07	1/2	5,154.84										
	232.56	3/4	592.17	3/4	951.79	3/4	1,311.40	3/4	1,671.02	3/4	2,030.64	3/4	2,390.25	3/4	2,749.87	3/4	3,109.48	3/4	3,469.10	3/4	3,828.72	3/4	4,188.33	3/4	4,547.95	3/4	4,907.56	3/4	5,154.84										
	240.05	8	599.66	8	959.28	8	1,318.90	8	1,678.51	8	2,038.13	8	2,397.74	8	2,757.36	8	3,																						



BARGE "MPC-648"
MARATHON PETROLEUM CORP.
INNAGE TABLE

3 PORT OR STAR

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

HULL NO. 2169-22

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		
0	*	15.21	0	358.38	0	716.41	0	1,074.44	0	1,432.47	0	1,790.50	0	2,148.54	0	2,506.57	0	2,864.60	0	3,222.63	0	3,547.91	0	3,823.36	0	4,093.98	0	4,364.17	0	4,634.36
1/4		19.88	1/4	365.84	1/4	723.87	1/4	1,081.90	1/4	1,439.93	1/4	1,797.96	1/4	2,156.00	1/4	2,514.03	1/4	2,872.06	1/4	3,230.09	1/4	3,553.68	1/4	3,829.09	1/4	4,099.61	1/4	4,369.80	1/4	4,639.99
1/2		24.55	1/2	373.29	1/2	731.33	1/2	1,089.36	1/2	1,447.39	1/2	1,805.42	1/2	2,163.45	1/2	2,521.49	1/2	2,879.52	1/2	3,237.55	1/2	3,559.45	1/2	3,834.83	1/2	4,105.24	1/2	4,375.43	1/2	4,645.62
3/4		29.21	3/4	380.75	3/4	738.78	3/4	1,096.82	3/4	1,454.85	3/4	1,812.88	3/4	2,170.91	3/4	2,528.94	3/4	2,886.98	3/4	3,245.01	3/4	3,565.19	3/4	3,840.57	3/4	4,110.87	3/4	4,381.06	3/4	4,651.25
1		33.88	1	388.21	1	746.24	1	1,104.28	1	1,462.31	1	1,820.34	1	2,178.37	1	2,536.40	1	2,894.44	1	3,252.47	1	3,570.93	1	3,846.30	1	4,116.50	1	4,386.69	1	4,656.88
1/4		40.41	1/4	395.67	1/4	753.70	1/4	1,111.74	1/4	1,469.77	1/4	1,827.80	1/4	2,185.83	1/4	2,543.86	1/4	2,901.89	1/4	3,259.93	1/4	3,576.66	1/4	3,851.93	1/4	4,122.12	1/4	4,392.32	1/4	4,662.03
1/2		46.95	1/2	403.13	1/2	761.16	1/2	1,119.19	1/2	1,477.23	1/2	1,835.26	1/2	2,193.29	1/2	2,551.32	1/2	2,909.35	1/2	3,267.39	1/2	3,585.56	1/2	3,857.56	1/2	4,127.75	1/2	4,397.95	1/2	4,667.18
3/4		53.48	3/4	410.59	3/4	768.62	3/4	1,126.65	3/4	1,484.69	3/4	1,842.72	3/4	2,200.75	3/4	2,558.78	3/4	2,916.81	3/4	3,274.84	3/4	3,588.14	3/4	3,863.19	3/4	4,133.38	3/4	4,403.57	3/4	4,672.33
1		60.02	2	418.05	2	776.08	2	1,134.11	2	1,492.14	2	1,850.18	2	2,208.21	2	2,566.24	2	2,924.27	2	3,282.30	2	3,593.88	2	3,868.82	2	4,139.01	2	4,409.20	2	4,677.48
1/4		67.48	1/4	425.51	1/4	783.54	1/4	1,141.57	1/4	1,499.60	1/4	1,857.64	1/4	2,215.67	1/4	2,573.70	1/4	2,931.73	1/4	3,289.76	1/4	3,599.61	1/4	3,874.45	1/4	4,144.64	1/4	4,414.83	1/4	4,681.68
1/2		74.93	1/2	432.97	1/2	791.00	1/2	1,149.03	1/2	1,507.06	1/2	1,865.09	1/2	2,223.13	1/2	2,581.16	1/2	2,939.19	1/2	3,297.22	1/2	3,605.35	1/2	3,880.08	1/2	4,150.27	1/2	4,420.46	1/2	4,685.87
3/4		82.39	3/4	440.43	3/4	798.46	3/4	1,156.49	3/4	1,514.52	3/4	1,872.55	3/4	2,230.59	3/4	2,588.62	3/4	2,946.65	3/4	3,304.68	3/4	3,611.09	3/4	3,885.71	3/4	4,155.90	3/4	4,426.09	3/4	4,690.07
1		89.85	3	447.88	3	805.92	3	1,163.95	3	1,521.98	3	1,880.01	3	2,238.04	3	2,596.08	3	2,954.11	3	3,312.14	3	3,616.82	3	3,891.34	3	4,161.53	3	4,431.72	3	4,694.26
1/4		97.31	1/4	455.34	1/4	813.37	1/4	1,171.41	1/4	1,529.44	1/4	1,887.47	1/4	2,245.50	1/4	2,603.53	1/4	2,961.57	1/4	3,319.60	1/4	3,622.66	1/4	3,896.96	1/4	4,167.16	1/4	4,437.35	1/4	4,697.50
1/2		104.77	1/2	462.80	1/2	820.83	1/2	1,178.87	1/2	1,536.90	1/2	1,894.93	1/2	2,252.96	1/2	2,610.99	1/2	2,969.03	1/2	3,327.06	1/2	3,628.30	1/2	3,902.59	1/2	4,172.79	1/2	4,442.98	1/2	4,700.74
3/4		112.23	3/4	470.26	3/4	828.29	3/4	1,186.33	3/4	1,544.36	3/4	1,902.39	3/4	2,260.42	3/4	2,618.45	3/4	2,976.48	3/4	3,334.52	3/4	3,634.03	3/4	3,908.22	3/4	4,178.41	3/4	4,448.61	3/4	4,703.98
1		119.69	4	477.72	4	835.75	4	1,193.78	4	1,551.82	4	1,909.85	4	2,267.88	4	2,625.91	4	2,983.94	4	3,341.98	4	3,639.77	4	3,913.85	4	4,184.04	4	4,454.24	4	4,707.22
1/4		127.15	1/4	485.18	1/4	843.21	1/4	1,201.24	1/4	1,559.28	1/4	1,917.31	1/4	2,275.34	1/4	2,633.37	1/4	2,991.40	1/4	3,349.43	1/4	3,645.51	1/4	3,919.48	1/4	4,189.67	1/4	4,459.86	1/4	4,709.50
1/2		134.61	1/2	492.64	1/2	850.67	1/2	1,208.70	1/2	1,567.73	1/2	1,924.77	1/2	2,282.80	1/2	2,640.83	1/2	2,998.86	1/2	3,356.89	1/2	3,651.25	1/2	3,925.11	1/2	4,195.30	1/2	4,465.49	1/2	4,711.78
3/4		142.07	3/4	500.10	3/4	858.13	3/4	1,216.16	3/4	1,574.19	3/4	1,932.23	3/4	2,290.26	3/4	2,648.29	3/4	3,006.32	3/4	3,364.35	3/4	3,656.98	3/4	3,930.74	3/4	4,200.93	3/4	4,471.12	3/4	4,714.05
1		149.52	5	507.56	5	865.59	5	1,223.62	5	1,581.65	5	1,939.68	5	2,297.72	5	2,655.75	5	3,013.78	5	3,371.81	5	3,662.72	5	3,936.37	5	4,206.56	5	4,476.75	5	4,716.34
1/4		156.98	1/4	515.02	1/4	873.05	1/4	1,231.08	1/4	1,589.11	1/4	1,947.14	1/4	2,305.18	1/4	2,663.21	1/4	3,021.24	1/4	3,379.27	1/4	3,668.46	1/4	3,942.00	1/4	4,212.19	1/4	4,482.38	1/4	4,717.67
1/2		164.44	1/2	522.47	1/2	880.51	1/2	1,238.54	1/2	1,596.57	1/2	1,954.60	1/2	2,312.63	1/2	2,670.67	1/2	3,028.70	1/2	3,386.73	1/2	3,674.19	1/2	3,947.63	1/2	4,217.82	1/2	4,488.01	1/2	4,719.00
3/4		171.90	3/4	529.93	3/4	887.96	3/4	1,246.00	3/4	1,604.03	3/4	1,962.06	3/4	2,320.09	3/4	2,678.12	3/4	3,036.16	3/4	3,394.19	3/4	3,679.93	3/4	3,953.25	3/4	4,223.45	3/4	4,493.64	3/4	4,720.32
1		179.36	6	537.39	6	895.42	6	1,253.46	6	1,611.49	6	1,969.52	6	2,327.55	6	2,685.58	6	3,043.62	6	3,401.65	6	3,685.67	6	3,958.88	6	4,223.08	6	4,493.27	6	4,721.65
1/4		186.82	1/4	544.85	1/4	902.88	1/4	1,260.92	1/4	1,616.95	1/4	1,976.98	1/4	2,335.01	1/4	2,693.04	1/4	3,051.07	1/4	3,409.11	1/4	3,691.41	1/4	3,964.51	1/4	4,234.08	1/4	4,504.90	1/4	4,722.02
1/2		194.28	1/2	552.31	1/2	910.34	1/2	1,268.37	1/2	1,626.41	1/2	1,984.44	1/2	2,342.47	1/2	2,700.50	1/2	3,058.53	1/2	3,416.57	1/2	3,697.14	1/2	3,970.14	1/2	4,240.33	1/2	4,510.53	1/2	4,722.39
3/4		201.74	3/4	559.77	3/4	917.80	3/4	1,275.83	3/4	1,633.87	3/4	1,991.90	3/4	2,349.93	3/4	2,707.96	3/4	3,065.99	3/4	3,422.70	3/4	3,702.88	3/4	3,975.77	3/4	4,245.96	3/4	4,516.15	3/4	4,722.76
1		209.20	7	567.23	7	925.26	7	1,283.29	7	1,641.32	7	1,999.36	7	2,357.39	7	2,715.42	7	3,073.45	7	3,428.83	7	3,708.62	7	3,981.40	7	4,251.59	7	4,521.78	7	4,723.13
1/4		216.66	1/4	574.69	1/4	932.72	1/4	1,290.75	1/4	1,648.78	1/4	2,006.82	1/4	2,364.85	1/4	2,722.88	1/4	3,080.91	1/4	3,434.97	1/4	3,714.35	1/4	3,987.03	1/4	4,257.22	1/4	4,527.41	1/4	4,724.02
1/2		224.11	1/2	582.15	1/2	940.18	1/2	1,298.21	1/2	1,656.24	1/2	2,014.27	1/2	2,372.31	1/2	2,730.34	1/2	3,088.37	1/2	3,441.10	1/2	3,720.09	1/2	3,992.66	1/2	4,262.85	1/2	4,533.04	1/2	4,722.39
3/4		231.57	3/4	589.61	3/4	947.64	3/4	1,305.67	3/4	1,663.70	3/4	2,021.73	3/4	2,379.77	3/4	2,737.80	3/4	3,095.83	3/4	3,447.16	3/4	3,725.83	3/4	3,998.29	3/4	4,268.48	3/4	4,538.67	3/4	4,722.76
1		239.03	8	597.06	8	955.10	8	1,313.13	8	1,6																				