



BARGE "MPC-1004"
MARATHON PETROLEUM

TANK NO. 1

INNAGE TABLE

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

N	0 FT.	N	1 FT.	N	2 FT.	N	3 FT.	N	4 FT.	N	5 FT.	N	6 FT.	N	7 FT.	N	8 FT.	N	9 FT.	N	10 FT.	N	11 FT.	N	12 FT.	N	13 FT.	N	14 FT.
0	BUMP 3.07	0	258.49	0	554.89	0	850.84	0	1,146.61	0	1,443.62	0	1,741.27	0	2,038.92	0	2,336.56	0	2,634.21	0	2,911.77	0	3,166.90	0	3,402.04	0	3,647.17	0	
1/4	4.09	1/4	264.67	1/4	561.07	1/4	856.79	1/4	1,152.77	1/4	1,449.82	1/4	1,747.47	1/4	2,045.12	1/4	2,342.77	1/4	2,640.41	1/4	2,916.87	1/4	3,162.01	1/4	3,407.15	1/4	3,652.28	1/4	
1/2	5.12	1/2	270.84	1/2	567.24	1/2	862.94	1/2	1,158.93	1/2	1,456.02	1/2	1,753.67	1/2	2,051.32	1/2	2,348.97	1/2	2,646.61	1/2	2,921.98	1/2	3,167.12	1/2	3,412.25	1/2	3,657.39	1/2	
3/4	6.14	3/4	277.02	3/4	573.42	3/4	869.09	3/4	1,165.10	3/4	1,462.22	3/4	1,759.87	3/4	2,057.52	3/4	2,355.17	3/4	2,652.82	3/4	2,927.09	3/4	3,172.22	3/4	3,417.36	3/4	3,662.60	3/4	
1	7.16	1	283.19	1	579.59	1	876.24	1	1,171.26	1	1,468.42	1	1,766.07	1	2,063.72	1	2,361.37	1	2,659.02	1	2,932.19	1	3,177.33	1	3,422.47	1	3,667.60	1	
1/4	10.24	1/4	289.37	1/4	585.77	1/4	881.38	1/4	1,177.42	1/4	1,474.63	1/4	1,772.27	1/4	2,069.92	1/4	2,367.57	1/4	2,665.22	1/4	2,937.30	1/4	3,182.44	1/4	3,427.57	1/4	3,672.71	1/4	
1/2	13.33	1/2	295.64	1/2	591.94	1/2	887.53	1/2	1,183.58	1/2	1,480.83	1/2	1,778.47	1/2	2,076.12	1/2	2,373.77	1/2	2,671.42	1/2	2,942.41	1/2	3,187.54	1/2	3,432.68	1/2	3,677.82	1/2	
3/4	16.41	3/4	301.72	3/4	598.12	3/4	893.68	3/4	1,189.74	3/4	1,487.03	3/4	1,784.68	3/4	2,082.32	3/4	2,379.97	3/4	2,677.62	3/4	2,947.52	3/4	3,192.65	3/4	3,437.79	3/4	3,682.92	3/4	
2	19.49	2	307.89	2	604.29	2	899.83	2	1,195.90	2	1,493.23	2	1,790.88	2	2,088.52	2	2,386.17	2	2,683.82	2	2,952.62	2	3,197.76	2	3,442.89	2	3,688.03	2	
1/4	24.64	1/4	314.07	1/4	610.47	1/4	905.98	1/4	1,202.06	1/4	1,499.43	1/4	1,797.08	1/4	2,094.73	1/4	2,392.37	1/4	2,690.02	1/4	2,957.73	1/4	3,202.87	1/4	3,448.00	1/4	3,693.14	1/4	
1/2	29.78	1/2	320.24	1/2	616.64	1/2	912.12	1/2	1,208.22	1/2	1,505.63	1/2	1,803.28	1/2	2,100.93	1/2	2,398.57	1/2	2,696.22	1/2	2,962.84	1/2	3,207.97	1/2	3,453.11	1/2	3,698.24	1/2	
3/4	34.93	3/4	326.42	3/4	622.82	3/4	918.27	3/4	1,214.38	3/4	1,511.83	3/4	1,809.48	3/4	2,107.13	3/4	2,404.78	3/4	2,702.42	3/4	2,967.94	3/4	3,213.08	3/4	3,458.22	3/4	3,703.35	3/4	
3	40.07	3	332.59	3	628.99	3	924.42	3	1,220.54	3	1,518.03	3	1,815.68	3	2,113.33	3	2,410.98	3	2,708.62	3	2,973.05	3	3,218.19	3	3,463.32	3	3,708.46	3	
1/4	46.25	1/4	338.77	1/4	635.17	1/4	930.67	1/4	1,226.71	1/4	1,524.23	1/4	1,821.88	1/4	2,119.63	1/4	2,417.18	1/4	2,714.83	1/4	2,978.16	1/4	3,223.29	1/4	3,468.43	1/4	3,713.67	1/4	
1/2	52.42	1/2	344.94	1/2	641.34	1/2	936.72	1/2	1,232.87	1/2	1,530.43	1/2	1,828.08	1/2	2,125.73	1/2	2,423.38	1/2	2,721.03	1/2	2,985.26	1/2	3,228.40	1/2	3,473.54	1/2	3,718.67	1/2	
3/4	58.60	3/4	351.12	3/4	647.52	3/4	942.86	3/4	1,239.03	3/4	1,536.64	3/4	1,834.28	3/4	2,131.93	3/4	2,429.58	3/4	2,727.23	3/4	2,988.37	3/4	3,233.51	3/4	3,478.64	3/4	3,722.72	3/4	
4	64.77	4	357.29	4	653.69	4	949.01	4	1,245.19	4	1,542.84	4	1,840.48	4	2,138.13	4	2,435.78	4	2,733.43	4	2,993.48	4	3,238.61	4	3,483.75	4	3,726.77	4	
1/4	70.95	1/4	363.47	1/4	659.87	1/4	955.19	1/4	1,251.39	1/4	1,549.04	1/4	1,846.69	1/4	2,144.33	1/4	2,441.98	1/4	2,739.63	1/4	2,998.59	1/4	3,243.72	1/4	3,488.86	1/4	3,730.83	1/4	
1/2	77.12	1/2	369.64	1/2	666.04	1/2	961.36	1/2	1,257.59	1/2	1,555.24	1/2	1,852.89	1/2	2,150.53	1/2	2,448.18	1/2	2,745.83	1/2	3,003.69	1/2	3,248.83	1/2	3,493.96	1/2	3,734.88	1/2	
3/4	83.30	3/4	375.82	3/4	672.22	3/4	967.54	3/4	1,263.79	3/4	1,561.44	3/4	1,859.09	3/4	2,156.74	3/4	2,454.38	3/4	2,752.03	3/4	3,008.80	3/4	3,253.94	3/4	3,499.07	3/4	3,736.82	3/4	
5	89.47	5	381.99	5	678.39	5	973.71	5	1,269.99	5	1,567.64	5	1,865.29	5	2,162.94	5	2,460.58	5	2,758.23	5	3,013.91	5	3,259.04	5	3,504.18	5	3,738.75	5	
1/4	95.65	1/4	388.17	1/4	684.57	1/4	979.89	1/4	1,276.19	1/4	1,573.84	1/4	1,871.49	1/4	2,169.14	1/4	2,466.79	1/4	2,764.43	1/4	3,019.01	1/4	3,264.16	1/4	3,509.29	1/4	3,740.69	1/4	
1/2	101.82	1/2	394.34	1/2	690.74	1/2	986.06	1/2	1,282.39	1/2	1,580.04	1/2	1,877.69	1/2	2,175.34	1/2	2,472.99	1/2	2,770.63	1/2	3,024.12	1/2	3,269.26	1/2	3,514.39	1/2	3,742.63	1/2	
3/4	108.00	3/4	400.52	3/4	696.92	3/4	992.24	3/4	1,288.60	3/4	1,586.24	3/4	1,883.89	3/4	2,181.54	3/4	2,479.19	3/4	2,776.84	3/4	3,029.23	3/4	3,274.36	3/4	3,519.50	3/4	3,742.99	3/4	
6	114.17	6	406.69	6	703.09	6	998.41	6	1,294.80	6	1,592.44	6	1,890.09	6	2,187.74	6	2,485.39	6	2,783.04	6	3,034.33	6	3,279.47	6	3,524.61	6	3,743.34	6	
1/4	119.86	1/4	412.87	1/4	709.24	1/4	1,004.59	1/4	1,301.00	1/4	1,598.65	1/4	1,896.29	1/4	2,193.94	1/4	2,491.59	1/4	2,789.03	1/4	3,039.44	1/4	3,284.68	1/4	3,529.71	1/4	3,744.67	1/4	
1/2	125.65	1/2	419.04	1/2	715.39	1/2	1,010.76	1/2	1,307.20	1/2	1,604.85	1/2	1,902.49	1/2	2,200.14	1/2	2,497.79	1/2	2,795.02	1/2	3,044.55	1/2	3,289.68	1/2	3,534.82	1/2	3,745.66	1/2	
3/4	131.24	3/4	425.22	3/4	721.54	3/4	1,016.94	3/4	1,313.40	3/4	1,611.05	3/4	1,908.70	3/4	2,206.34	3/4	2,503.99	3/4	2,801.02	3/4	3,049.66	3/4	3,294.79	3/4	3,539.93	3/4	3,746.74	3/4	
7	136.93	7	431.39	7	727.68	7	1,023.11	7	1,319.60	7	1,617.25	7	1,914.90	7	2,212.54	7	2,510.19	7	2,807.01	7	3,054.76	7	3,299.90	7	3,545.03	7	3,747.71	7	
1/4	142.62	1/4	437.57	1/4	733.83	1/4	1,029.29	1/4	1,325.80	1/4	1,623.45	1/4	1,921.10	1/4	2,218.75	1/4	2,516.39	1/4	2,812.65	1/4	3,059.87	1/4	3,305.01	1/4	3,550.14	1/4	3,748.76	1/4	
1/2	148.31	1/2	443.74	1/2	739.98	1/2	1,035.46	1/2	1,332.00	1/2	1,629.65	1/2	1,927.30	1/2	2,224.95	1/2	2,522.59	1/2	2,818.28	1/2	3,064.98	1/2	3,310.11	1/2	3,555.25	1/2	3,749.81	1/2	
3/4	154.00	3/4	449.92	3/4	746.13	3/4	1,041.64	3/4	1,338.20	3/4	1,635.85	3/4	1,933.50	3/4	2,231.15	3/4	2,528.80	3/4	2,823.91	3/4	3,070.08	3/4	3,315.22	3/4	3,560.36	3/4	3,750.86	3/4	
8	159.69	8	456.09	8	752.28	8	1,047.81	8	1,344.40	8	1,642.05	8	1,939.70	8	2,237.35	8	2,535.00	8	2,829.54	8	3,075.19	8	3,320.33	8	3,565.46	8	3,751.91	8	
1/4	165.87	1/4	462.27	1/4	758.42	1/4	1,053.99	1/4	1,350.81	1/4	1,648.25	1/4	1,945.90	1/4	2,243.55	1/4	2,541.20	1/4	2,834.91	1/4	3,080.30	1/4	3,325.43	1/4	3,570.57	1/4	3,753.02	1/4	
1/2	172.04	1/2	468.44	1/2	764.57	1/2	1,060.16	1/2	1,356.81	1/2	1,654.45	1/2	1,952.10	1/2	2,249.75	1/2	2,547.40	1/2	2,840.27	1/2	3,085.40	1/2	3,330.54	1/2	3,575.68				



BARGE "MPC-1004"
MARATHON PETROLEUM

TANK NO. 2

INNAGE TABLE

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

N	0 FT.	N	1 FT.	N	2 FT.	N	3 FT.	N	4 FT.	N	5 FT.	N	6 FT.	N	7 FT.	N	8 FT.	N	9 FT.	N	10 FT.	N	11 FT.	N	12 FT.	N	13 FT.	N	14 FT.
0	SUMP 0.34	0	226.45	0	489.30	0	751.50	0	1,013.91	0	1,277.00	0	1,540.67	0	1,804.14	0	2,067.71	0	2,331.27	0	2,594.84	0	2,858.41	0	3,121.98	0	3,385.55	0	
1/4	1.26	1/4	231.93	1/4	494.77	1/4	766.95	1/4	1,019.38	1/4	1,282.49	1/4	1,546.06	1/4	1,809.63	1/4	2,073.20	1/4	2,336.76	1/4	2,600.33	1/4	2,863.90	1/4	3,127.47	1/4	3,391.04	1/4	
1/2	2.16	1/2	237.40	1/2	500.26	1/2	762.40	1/2	1,024.84	1/2	1,287.98	1/2	1,551.55	1/2	1,815.12	1/2	2,078.69	1/2	2,342.26	1/2	2,605.82	1/2	2,869.39	1/2	3,132.96	1/2	3,396.63	1/2	
3/4	3.08	3/4	242.88	3/4	505.73	3/4	767.84	3/4	1,030.30	3/4	1,293.48	3/4	1,557.04	3/4	1,820.61	3/4	2,084.18	3/4	2,347.75	3/4	2,611.31	3/4	2,874.88	3/4	3,138.45	3/4	3,402.02	3/4	
1	3.99	1	248.35	1	511.20	1	773.29	1	1,035.76	1	1,298.97	1	1,562.53	1	1,826.10	1	2,089.67	1	2,353.24	1	2,616.81	1	2,880.37	1	3,143.94	1	3,407.51	1	
1/4	6.73	1/4	253.83	1/4	516.68	1/4	778.74	1/4	1,041.22	1/4	1,304.46	1/4	1,568.03	1/4	1,831.59	1/4	2,095.16	1/4	2,358.73	1/4	2,622.30	1/4	2,885.86	1/4	3,149.43	1/4	3,413.00	1/4	
1/2	9.47	1/2	259.31	1/2	522.15	1/2	784.19	1/2	1,046.68	1/2	1,309.95	1/2	1,573.62	1/2	1,837.08	1/2	2,100.65	1/2	2,364.22	1/2	2,627.79	1/2	2,891.36	1/2	3,154.92	1/2	3,418.49	1/2	
3/4	12.20	3/4	264.78	3/4	527.63	3/4	789.64	3/4	1,052.14	3/4	1,315.44	3/4	1,579.01	3/4	1,842.58	3/4	2,106.14	3/4	2,369.71	3/4	2,633.28	3/4	2,896.85	3/4	3,160.41	3/4	3,423.98	3/4	
2	14.94	2	270.26	2	533.11	2	795.09	2	1,057.60	2	1,320.93	2	1,584.50	2	1,848.07	2	2,111.63	2	2,376.20	2	2,639.77	2	2,902.34	2	3,165.91	2	3,429.47	2	
1/4	19.51	1/4	275.73	1/4	538.68	1/4	800.64	1/4	1,063.06	1/4	1,326.42	1/4	1,589.99	1/4	1,853.56	1/4	2,117.13	1/4	2,380.69	1/4	2,644.26	1/4	2,907.83	1/4	3,171.40	1/4	3,434.96	1/4	
1/2	24.07	1/2	281.21	1/2	544.06	1/2	805.99	1/2	1,068.52	1/2	1,331.91	1/2	1,595.48	1/2	1,859.05	1/2	2,122.62	1/2	2,386.18	1/2	2,649.75	1/2	2,913.32	1/2	3,176.89	1/2	3,440.46	1/2	
3/4	28.63	3/4	286.69	3/4	549.53	3/4	811.44	3/4	1,073.99	3/4	1,337.40	3/4	1,600.97	3/4	1,864.54	3/4	2,128.11	3/4	2,391.67	3/4	2,655.24	3/4	2,918.81	3/4	3,182.38	3/4	3,445.95	3/4	
3	33.19	3	292.16	3	555.01	3	816.89	3	1,079.45	3	1,342.89	3	1,606.46	3	1,870.03	3	2,133.60	3	2,397.17	3	2,660.73	3	2,924.30	3	3,187.87	3	3,451.44	3	
1/4	38.67	1/4	297.64	1/4	560.49	1/4	822.33	1/4	1,084.91	1/4	1,348.39	1/4	1,611.95	1/4	1,876.62	1/4	2,139.09	1/4	2,402.66	1/4	2,666.22	1/4	2,929.79	1/4	3,193.36	1/4	3,456.93	1/4	
1/2	44.15	1/2	303.11	1/2	565.96	1/2	827.78	1/2	1,090.37	1/2	1,353.88	1/2	1,617.44	1/2	1,881.01	1/2	2,144.58	1/2	2,408.15	1/2	2,671.72	1/2	2,935.28	1/2	3,198.85	1/2	3,462.42	1/2	
3/4	49.62	3/4	308.59	3/4	571.44	3/4	833.23	3/4	1,095.83	3/4	1,359.37	3/4	1,622.94	3/4	1,886.50	3/4	2,150.07	3/4	2,413.64	3/4	2,677.21	3/4	2,940.77	3/4	3,204.34	3/4	3,468.80	3/4	
4	55.10	4	314.07	4	576.91	4	838.88	4	1,101.29	4	1,364.86	4	1,628.43	4	1,891.99	4	2,155.56	4	2,419.13	4	2,682.70	4	2,946.27	4	3,209.83	4	3,471.18	4	
1/4	60.57	1/4	319.54	1/4	582.39	1/4	844.16	1/4	1,106.78	1/4	1,370.35	1/4	1,633.92	1/4	1,897.49	1/4	2,161.05	1/4	2,424.62	1/4	2,688.19	1/4	2,951.76	1/4	3,215.32	1/4	3,475.56	1/4	
1/2	66.05	1/2	325.02	1/2	587.87	1/2	849.63	1/2	1,112.27	1/2	1,376.84	1/2	1,639.41	1/2	1,902.98	1/2	2,166.54	1/2	2,430.11	1/2	2,693.68	1/2	2,957.25	1/2	3,220.82	1/2	3,479.94	1/2	
3/4	71.53	3/4	330.49	3/4	593.34	3/4	855.11	3/4	1,117.76	3/4	1,381.33	3/4	1,644.90	3/4	1,908.47	3/4	2,172.04	3/4	2,435.60	3/4	2,699.17	3/4	2,962.74	3/4	3,226.31	3/4	3,482.13	3/4	
5	77.00	5	335.97	5	598.82	5	860.69	5	1,123.25	5	1,386.82	5	1,650.39	5	1,913.96	5	2,177.53	5	2,441.09	5	2,704.66	5	2,968.23	5	3,231.80	5	3,484.32	5	
1/4	82.48	1/4	341.45	1/4	604.29	1/4	866.06	1/4	1,128.76	1/4	1,392.31	1/4	1,655.88	1/4	1,919.45	1/4	2,183.02	1/4	2,446.58	1/4	2,710.15	1/4	2,973.72	1/4	3,237.29	1/4	3,486.51	1/4	
1/2	87.95	1/2	346.92	1/2	609.77	1/2	871.54	1/2	1,134.24	1/2	1,397.80	1/2	1,661.37	1/2	1,924.94	1/2	2,188.51	1/2	2,452.08	1/2	2,715.64	1/2	2,979.21	1/2	3,242.78	1/2	3,488.70	1/2	
3/4	93.43	3/4	352.40	3/4	615.25	3/4	877.01	3/4	1,139.73	3/4	1,403.30	3/4	1,666.86	3/4	1,930.43	3/4	2,194.00	3/4	2,457.67	3/4	2,721.13	3/4	2,984.70	3/4	3,248.27	3/4	3,489.25	3/4	
6	98.91	6	357.87	6	620.72	6	882.49	6	1,145.22	6	1,408.79	6	1,672.35	6	1,935.92	6	2,199.49	6	2,463.06	6	2,726.63	6	2,990.19	6	3,253.76	6	3,489.80	6	
1/4	103.90	1/4	363.35	1/4	626.17	1/4	887.97	1/4	1,150.71	1/4	1,414.28	1/4	1,677.85	1/4	1,941.41	1/4	2,204.98	1/4	2,468.55	1/4	2,732.12	1/4	2,995.68	1/4	3,259.25	1/4		1/4	
1/2	108.89	1/2	368.83	1/2	631.62	1/2	893.44	1/2	1,156.20	1/2	1,419.77	1/2	1,683.34	1/2	1,946.90	1/2	2,210.47	1/2	2,474.04	1/2	2,737.61	1/2	3,001.18	1/2	3,264.74	1/2		1/2	
3/4	113.88	3/4	374.30	3/4	637.07	3/4	898.92	3/4	1,161.69	3/4	1,425.26	3/4	1,688.83	3/4	1,952.40	3/4	2,216.95	3/4	2,479.53	3/4	2,743.10	3/4	3,006.67	3/4	3,270.23	3/4		3/4	
7	118.87	7	379.78	7	642.52	7	904.39	7	1,167.18	7	1,430.75	7	1,694.32	7	1,957.89	7	2,221.45	7	2,485.02	7	2,748.59	7	3,012.16	7	3,275.73	7		7	
1/4	123.86	1/4	385.25	1/4	647.97	1/4	909.87	1/4	1,172.67	1/4	1,436.24	1/4	1,699.81	1/4	1,963.38	1/4	2,226.95	1/4	2,490.51	1/4	2,754.08	1/4	3,017.65	1/4	3,281.22	1/4		1/4	
1/2	128.85	1/2	390.73	1/2	653.42	1/2	915.35	1/2	1,178.16	1/2	1,441.73	1/2	1,705.30	1/2	1,968.87	1/2	2,232.44	1/2	2,496.00	1/2	2,759.57	1/2	3,023.14	1/2	3,286.71	1/2		1/2	
3/4	133.84	3/4	396.21	3/4	658.87	3/4	920.82	3/4	1,183.66	3/4	1,447.22	3/4	1,710.79	3/4	1,974.36	3/4	2,237.93	3/4	2,501.49	3/4	2,765.06	3/4	3,028.63	3/4	3,292.20	3/4		3/4	
8	138.83	8	401.68	8	664.31	8	926.30	8	1,189.15	8	1,452.71	8	1,716.28	8	1,979.85	8	2,243.42	8	2,506.99	8	2,770.55	8	3,034.12	8	3,297.69	8		8	
1/4	144.31	1/4	407.16	1/4	669.76	1/4	931.77	1/4	1,194.84	1/4	1,458.21	1/4	1,721.77	1/4	1,985.34	1/4	2,248.91	1/4	2,512.48	1/4	2,776.04	1/4	3,039.61	1/4	3,303.18	1/4		1/4	
1/2	149.79	1/2	412.63	1/2	676.21	1/2	937.25	1/2	1,200.13	1/2	1,463.70	1/2	1,727.26	1/2	1,990.83	1/2	2,254.40	1/2	2,517.97	1/2	2,781.64	1/2	3,045.10	1/2	3,308.67	1/2		1/2	
3/4	155.26	3/4	418.11	3/4	680.66	3/4	942.73																						



BARGE "MPC-1004"
MARATHON PETROLEUM
INNAGE TABLE

TANK NO. 3

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

N	0 FT.	N	1 FT.	N	2 FT.	N	3 FT.	N	4 FT.	N	5 FT.	N	6 FT.	N	7 FT.	N	8 FT.	N	9 FT.	N	10 FT.	N	11 FT.	N	12 FT.	N	13 FT.	N	14 FT.
0	SUMP 0.34	0	226.45	0	489.30	0	751.50	0	1,013.91	0	1,274.83	0	1,535.13	0	1,795.43	0	2,055.74	0	2,316.04	0	2,576.35	0	2,836.65	0	3,096.95	0	3,357.25	0	
1/4	1.25	1/4	231.93	1/4	494.77	1/4	756.95	1/4	1,019.38	1/4	1,280.26	1/4	1,540.55	1/4	1,800.86	1/4	2,061.16	1/4	2,321.46	1/4	2,581.77	1/4	2,842.07	1/4	3,102.38	1/4	3,362.68	1/4	
1/2	2.16	1/2	237.40	1/2	500.25	1/2	762.40	1/2	1,024.84	1/2	1,285.67	1/2	1,545.98	1/2	1,806.28	1/2	2,066.58	1/2	2,326.89	1/2	2,587.19	1/2	2,847.50	1/2	3,107.80	1/2	3,368.10	1/2	
3/4	3.08	3/4	242.88	3/4	505.73	3/4	767.84	3/4	1,030.30	3/4	1,291.10	3/4	1,551.40	3/4	1,811.70	3/4	2,072.01	3/4	2,332.31	3/4	2,592.61	3/4	2,852.92	3/4	3,113.22	3/4	3,373.53	3/4	
1	3.99	1	248.35	1	511.20	1	773.29	1	1,035.76	1	1,296.52	1	1,556.82	1	1,817.13	1	2,077.43	1	2,337.73	1	2,598.04	1	2,858.34	1	3,118.65	1	3,378.95	1	
1/4	6.73	1/4	253.83	1/4	516.68	1/4	778.74	1/4	1,041.22	1/4	1,301.94	1/4	1,562.25	1/4	1,822.55	1/4	2,082.85	1/4	2,343.16	1/4	2,603.46	1/4	2,863.76	1/4	3,124.07	1/4	3,384.37	1/4	
1/2	9.47	1/2	259.31	1/2	522.15	1/2	784.19	1/2	1,046.68	1/2	1,307.38	1/2	1,567.67	1/2	1,827.97	1/2	2,088.28	1/2	2,348.58	1/2	2,608.88	1/2	2,869.19	1/2	3,129.49	1/2	3,389.80	1/2	
3/4	12.20	3/4	264.78	3/4	527.63	3/4	789.64	3/4	1,052.14	3/4	1,312.79	3/4	1,573.09	3/4	1,833.40	3/4	2,093.70	3/4	2,354.00	3/4	2,614.31	3/4	2,874.61	3/4	3,134.91	3/4	3,395.22	3/4	
2	14.94	2	270.26	2	533.11	2	795.09	2	1,057.60	2	1,318.21	2	1,578.51	2	1,838.82	2	2,099.12	2	2,359.43	2	2,619.73	2	2,880.03	2	3,140.34	2	3,400.64	2	
1/4	19.51	1/4	275.73	1/4	538.68	1/4	800.64	1/4	1,063.06	1/4	1,323.63	1/4	1,583.94	1/4	1,844.24	1/4	2,104.55	1/4	2,364.85	1/4	2,625.15	1/4	2,885.46	1/4	3,145.76	1/4	3,406.06	1/4	
1/2	24.07	1/2	281.21	1/2	544.06	1/2	805.99	1/2	1,068.52	1/2	1,329.66	1/2	1,589.36	1/2	1,849.66	1/2	2,109.97	1/2	2,370.27	1/2	2,630.58	1/2	2,890.88	1/2	3,151.18	1/2	3,411.49	1/2	
3/4	28.63	3/4	286.69	3/4	549.53	3/4	811.44	3/4	1,073.99	3/4	1,334.48	3/4	1,594.78	3/4	1,855.09	3/4	2,115.39	3/4	2,375.69	3/4	2,636.00	3/4	2,896.30	3/4	3,156.61	3/4	3,416.91	3/4	
3	33.19	3	292.16	3	555.01	3	816.89	3	1,079.45	3	1,339.90	3	1,600.21	3	1,860.51	3	2,120.81	3	2,381.12	3	2,641.42	3	2,901.73	3	3,162.03	3	3,422.33	3	
1/4	38.67	1/4	297.64	1/4	560.49	1/4	822.33	1/4	1,084.91	1/4	1,345.33	1/4	1,605.63	1/4	1,865.93	1/4	2,126.24	1/4	2,386.54	1/4	2,646.84	1/4	2,907.15	1/4	3,167.45	1/4	3,427.76	1/4	
1/2	44.15	1/2	303.11	1/2	565.96	1/2	827.78	1/2	1,090.37	1/2	1,350.76	1/2	1,611.05	1/2	1,871.36	1/2	2,131.66	1/2	2,391.96	1/2	2,652.27	1/2	2,912.57	1/2	3,172.88	1/2	3,433.18	1/2	
3/4	49.62	3/4	308.59	3/4	571.44	3/4	833.23	3/4	1,095.83	3/4	1,356.17	3/4	1,616.48	3/4	1,876.78	3/4	2,137.08	3/4	2,397.39	3/4	2,657.69	3/4	2,917.99	3/4	3,178.30	3/4	3,437.66	3/4	
4	55.10	4	314.07	4	576.91	4	838.68	4	1,101.29	4	1,361.59	4	1,621.90	4	1,882.20	4	2,142.51	4	2,402.81	4	2,663.11	4	2,923.42	4	3,183.72	4	3,441.94	4	
1/4	60.57	1/4	319.54	1/4	582.39	1/4	844.16	1/4	1,106.71	1/4	1,367.02	1/4	1,627.32	1/4	1,887.63	1/4	2,147.93	1/4	2,408.23	1/4	2,668.54	1/4	2,928.84	1/4	3,189.14	1/4	3,446.32	1/4	
1/2	66.05	1/2	325.02	1/2	587.87	1/2	849.63	1/2	1,112.14	1/2	1,372.44	1/2	1,632.74	1/2	1,893.05	1/2	2,148.35	1/2	2,408.65	1/2	2,668.95	1/2	2,929.14	1/2	3,194.44	1/2	3,451.70	1/2	
3/4	71.53	3/4	330.49	3/4	593.34	3/4	855.11	3/4	1,117.56	3/4	1,377.86	3/4	1,638.17	3/4	1,898.47	3/4	2,153.77	3/4	2,414.07	3/4	2,674.37	3/4	2,934.67	3/4	3,199.99	3/4	3,457.01	3/4	
5	77.00	5	335.97	5	598.82	5	860.59	5	1,122.98	5	1,383.29	5	1,643.59	5	1,903.89	5	2,164.20	5	2,424.50	5	2,684.81	5	2,945.11	5	3,205.41	5	3,465.71	5	
1/4	82.48	1/4	341.45	1/4	604.29	1/4	866.06	1/4	1,128.41	1/4	1,388.71	1/4	1,649.01	1/4	1,909.31	1/4	2,169.62	1/4	2,429.92	1/4	2,690.23	1/4	2,950.53	1/4	3,210.84	1/4	3,471.14	1/4	
1/2	87.95	1/2	346.92	1/2	609.77	1/2	871.54	1/2	1,133.83	1/2	1,394.13	1/2	1,654.44	1/2	1,914.74	1/2	2,175.04	1/2	2,435.35	1/2	2,695.65	1/2	2,955.95	1/2	3,216.26	1/2	3,476.56	1/2	
3/4	93.43	3/4	352.40	3/4	615.25	3/4	877.01	3/4	1,139.25	3/4	1,399.56	3/4	1,659.86	3/4	1,920.16	3/4	2,180.47	3/4	2,440.77	3/4	2,701.07	3/4	2,961.38	3/4	3,221.68	3/4	3,481.87	3/4	
6	98.91	6	357.87	6	620.72	6	882.49	6	1,144.87	6	1,404.98	6	1,665.28	6	1,925.59	6	2,185.89	6	2,446.19	6	2,706.50	6	2,966.80	6	3,227.11	6	3,487.41	6	
1/4	103.90	1/4	363.35	1/4	626.17	1/4	887.97	1/4	1,150.10	1/4	1,410.40	1/4	1,670.71	1/4	1,931.01	1/4	2,191.31	1/4	2,451.62	1/4	2,711.92	1/4	2,972.22	1/4	3,232.53	1/4	3,492.93	1/4	
1/2	108.89	1/2	368.83	1/2	631.62	1/2	893.44	1/2	1,155.52	1/2	1,415.82	1/2	1,676.13	1/2	1,936.43	1/2	2,196.74	1/2	2,457.04	1/2	2,717.34	1/2	2,977.65	1/2	3,237.95	1/2	3,498.35	1/2	
3/4	113.88	3/4	374.30	3/4	637.07	3/4	898.92	3/4	1,160.94	3/4	1,421.25	3/4	1,681.55	3/4	1,941.86	3/4	2,202.16	3/4	2,462.46	3/4	2,722.77	3/4	2,983.07	3/4	3,243.37	3/4	3,503.77	3/4	
7	118.87	7	379.78	7	642.52	7	904.39	7	1,166.37	7	1,426.67	7	1,686.97	7	1,947.28	7	2,207.58	7	2,467.89	7	2,728.19	7	2,988.49	7	3,248.80	7	3,509.20	7	
1/4	123.86	1/4	385.25	1/4	647.97	1/4	909.87	1/4	1,171.79	1/4	1,432.09	1/4	1,692.40	1/4	1,952.70	1/4	2,213.00	1/4	2,473.31	1/4	2,733.61	1/4	2,993.92	1/4	3,254.22	1/4	3,514.62	1/4	
1/2	128.85	1/2	390.73	1/2	653.42	1/2	915.35	1/2	1,177.21	1/2	1,437.52	1/2	1,697.82	1/2	1,958.12	1/2	2,218.43	1/2	2,478.73	1/2	2,739.04	1/2	2,999.34	1/2	3,259.64	1/2	3,519.94	1/2	
3/4	133.84	3/4	396.21	3/4	658.87	3/4	920.82	3/4	1,182.64	3/4	1,442.84	3/4	1,703.24	3/4	1,963.55	3/4	2,223.85	3/4	2,484.15	3/4	2,744.46	3/4	3,004.76	3/4	3,265.07	3/4	3,525.34	3/4	
8	138.83	8	401.68	8	664.31	8	926.30	8	1,188.06	8	1,448.36	8	1,708.67	8	1,968.97	8	2,229.27	8	2,489.58	8	2,749.88	8	3,010.19	8	3,270.49	8	3,530.79	8	
1/4	144.31	1/4	407.16	1/4	669.76	1/4	931.77	1/4	1,193.48	1/4	1,453.79	1/4	1,714.09	1/4	1,974.39	1/4	2,234.70	1/4	2,495.00	1/4	2,755.30	1/4	3,015.61	1/4	3,275.91	1/4	3,541.21	1/4	
1/2	149.79	1/2	412.63	1/2	675.21	1/2	937.25	1/2	1,198.90	1/2	1,459.21	1/2	1,719.51	1/2	1,979.82	1/2	2,240.12	1/2	2,500.42	1/2	2,760.73	1/2	3,021.03	1/2	3,281.34	1/2	3,551.84	1/2	
3/4	155.26	3/4	418.11	3/4	680.66	3/4	942.73	3/4	1,204.33	3/4	1,464.63	3/4	1,724.94	3/4	1,985.24	3/4	2,245.54	3/4	2,505.85	3/4	2,766.15	3/4	3,026.45	3/4	3,286.76	3/4	3,562.26	3/4	
9	160.74	9	423.59	9	686.11	9	948.20	9	1,209.75	9	1,470.05	9	1,730.36	9	1,990.66	9	2,250.97	9	2,511.27	9	2,771.57	9	3,031.88	9	3,292.18	9	3,567.78	9	
1/4	166.21	1/4	429.06	1/4	691.56	1/4	953.68	1/4	1,215.17	1/4	1,475.48	1/4	1,735.78	1/4	1,996.09	1/4	2,256.39	1/4	2,516.69	1/4	2,777.00	1/4	3,037.30	1/4	3,297.60	1/4	3,573.28	1/4	
1/2	171.69	1/2	434.54	1/2	697.01	1/2	959.15	1/2	1,220.60	1/2	1,480.90	1/2	1,741.20	1/2	2,001.51	1/2	2,261.81	1/2	2,522.12	1/2	2,782.42	1/2	3,042.72	1/2	3,303.03	1/2	3,578.88	1/2	
3/4	177.17	3/4	440.01	3/4	702.48	3/4	964.63	3/4	1,226.02	3/4	1,486.32	3/4	1,746.63	3/4	2,006.93	3/4	2,267.23	3/4	2,527.54	3/4	2,787.84	3/4	3,048.15	3/4	3,308.45	3/4	3,584.34	3/4	
10	182.64	10	445.49	10	707.91	10	970.11	10	1,231.44	10	1,491.76	10	1,752.05	10	2,012.35	10	2,272.66												



BARGE "MPC-1004"
MARATHON PETROLEUM

TANK NO. 1

OUTAGE TABLE

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.
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4

CAPACITIES GIVEN IN BARRELS OF 42 US GALLONS

REFERENCE GAUGE HEIGHT: 14'-8 1/4" (TO RIM OF 2" DIAMETER BALL VALVE
LOCATED NEAR CENTER OF TANK)

STRAPPED: 12/11/12

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


INSPECTORATE AMERICA CORPORATION



BARGE "MPC-1004"
MARATHON PETROLEUM

TANK NO. 2

OUTAGE TABLE

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.
0			0 3,314.16	0 3,050.60	0 2,787.03	0 2,523.46	0 2,259.89	0 1,996.32	0 1,732.76	0 1,469.19	0 1,205.62	0 942.73	0 680.66	0 418.11	0 165.26
1/4	1/4	1/4	3,308.67	3,045.10	2,781.54	2,517.97	2,254.40	1,990.83	1,727.26	1,463.70	1,200.13	937.25	675.21	412.63	149.79
1/2	1/2	1/2	3,303.18	3,039.61	2,776.05	2,512.48	2,248.91	1,985.34	1,721.77	1,458.21	1,194.64	931.77	669.76	407.16	144.31
3/4	3/4	3/4	3,297.69	3,034.12	2,770.55	2,506.99	2,243.42	1,979.85	1,716.28	1,452.71	1,189.15	926.30	664.31	401.68	138.83
1	1	1	3,292.20	3,028.63	2,765.06	2,501.50	2,237.93	1,974.36	1,710.79	1,447.22	1,183.66	920.82	658.87	396.21	133.84
1/4	1/4	1/4	3,286.71	3,023.14	2,759.57	2,496.00	2,232.44	1,968.87	1,705.30	1,441.73	1,178.16	915.35	653.42	390.73	128.85
1/2	1/2	1/2	3,281.22	3,017.65	2,754.08	2,490.51	2,226.95	1,963.38	1,699.81	1,436.24	1,172.67	909.87	647.97	385.25	123.86
3/4	3/4	3/4	3,275.73	3,012.16	2,748.59	2,485.02	2,221.45	1,957.89	1,694.32	1,430.75	1,167.18	904.39	642.52	379.78	118.87
2	2	2	3,270.24	3,006.67	2,743.10	2,479.53	2,216.96	1,952.40	1,688.83	1,425.26	1,161.69	898.92	637.07	374.30	113.88
1/4	1/4	1/4	3,264.74	3,001.18	2,737.61	2,474.04	2,210.47	1,946.90	1,683.34	1,419.77	1,156.20	893.44	631.62	368.83	108.89
1/2	1/2	1/2	3,259.25	2,995.69	2,732.12	2,468.55	2,204.98	1,941.41	1,677.85	1,414.28	1,150.71	887.97	626.17	363.35	103.90
3/4	3/4	3/4	3,253.76	2,990.19	2,726.63	2,463.06	2,199.49	1,936.92	1,672.35	1,408.79	1,145.22	882.49	620.72	357.87	98.91
3	3	3	3,489.25	3,248.27	2,984.70	2,721.14	2,457.57	2,194.00	1,930.43	1,666.86	1,403.30	877.01	615.25	352.40	93.43
1/4	1/4	1/4	3,488.70	3,242.78	2,979.21	2,716.64	2,452.08	2,188.51	1,924.94	1,661.37	1,397.80	871.54	609.77	346.92	87.95
1/2	1/2	1/2	3,486.51	3,237.29	2,973.72	2,710.15	2,446.59	2,183.02	1,919.45	1,655.88	1,392.31	866.06	604.29	341.45	82.48
3/4	3/4	3/4	3,484.32	3,231.80	2,968.23	2,704.66	2,441.09	2,177.53	1,913.96	1,650.39	1,386.82	860.59	598.82	335.97	77.00
4	4	4	3,482.13	3,228.31	2,962.74	2,700.17	2,435.60	2,172.04	1,908.47	1,644.90	1,381.33	855.11	593.34	330.49	71.53
1/4	1/4	1/4	3,479.94	3,220.82	2,957.25	2,693.68	2,430.11	2,166.64	1,902.98	1,639.41	1,376.84	849.63	587.87	325.02	66.05
1/2	1/2	1/2	3,475.66	3,215.33	2,951.76	2,688.19	2,424.62	2,161.05	1,897.49	1,633.92	1,370.35	844.16	582.39	319.54	60.57
3/4	3/4	3/4	3,471.18	3,209.83	2,946.27	2,682.70	2,419.13	2,155.56	1,891.99	1,628.43	1,364.86	838.68	576.81	314.07	55.10
5	5	5	3,466.80	3,204.34	2,940.78	2,677.21	2,413.64	2,150.07	1,886.50	1,622.94	1,359.37	833.23	571.44	308.59	49.62
1/4	1/4	1/4	3,462.42	3,198.85	2,935.28	2,671.72	2,408.15	2,144.58	1,881.01	1,617.44	1,353.88	827.78	565.96	303.11	44.16
1/2	1/2	1/2	3,458.93	3,193.36	2,929.79	2,666.23	2,402.66	2,139.09	1,875.52	1,611.95	1,348.39	822.34	560.49	297.64	38.67
3/4	3/4	3/4	3,451.44	3,187.87	2,924.30	2,660.73	2,397.17	2,133.60	1,870.03	1,606.46	1,342.89	816.89	555.01	292.16	33.19
6	6	6	3,445.95	3,182.38	2,918.81	2,655.24	2,391.68	2,128.11	1,864.54	1,600.97	1,337.40	811.44	549.53	286.69	28.63
1/4	1/4	1/4	3,440.46	3,176.89	2,913.32	2,649.75	2,386.18	2,122.62	1,859.05	1,595.48	1,331.91	805.99	544.06	281.21	24.07
1/2	1/2	1/2	3,434.97	3,171.40	2,907.83	2,644.26	2,380.69	2,117.13	1,853.56	1,589.99	1,326.42	800.54	538.58	275.73	19.51
3/4	3/4	3/4	3,429.47	3,165.91	2,902.34	2,638.77	2,375.20	2,111.63	1,848.07	1,584.50	1,320.93	795.09	533.11	270.26	14.94
7	7	7	3,423.98	3,160.42	2,896.85	2,633.28	2,369.71	2,106.14	1,842.58	1,579.01	1,315.44	789.64	527.63	264.78	12.20
1/4	1/4	1/4	3,418.49	3,154.92	2,891.36	2,627.79	2,364.22	2,100.65	1,837.08	1,573.52	1,309.95	784.19	522.15	259.31	9.47
1/2	1/2	1/2	3,413.00	3,149.43	2,885.87	2,622.30	2,358.73	2,095.16	1,831.59	1,568.03	1,304.46	778.74	516.68	253.83	6.73
3/4	3/4	3/4	3,407.51	3,143.94	2,880.37	2,616.81	2,353.24	2,089.67	1,826.10	1,562.53	1,298.97	773.29	511.20	248.35	3.99
8	8	8	3,402.02	3,138.45	2,874.88	2,611.32	2,347.75	2,084.18	1,820.61	1,557.04	1,293.48	767.85	505.73	242.88	3.08
1/4	1/4	1/4	3,396.53	3,132.96	2,869.39	2,605.82	2,342.26	2,078.69	1,815.12	1,551.55	1,287.98	762.40	500.25	237.40	2.16
1/2	1/2	1/2	3,391.04	3,127.47	2,863.90	2,600.33	2,336.77	2,073.20	1,809.63	1,546.06	1,282.49	756.95	494.77	231.93	1.25
3/4	3/4	3/4	3,385.55	3,121.98	2,858.41	2,594.84	2,331.27	2,067.71	1,804.14	1,540.57	1,277.00	751.50	489.30	226.45	SUMP 0.34
9	9	9	3,380.06	3,116.49	2,852.92	2,589.35	2,325.78	2,062.22	1,798.65	1,535.08	1,271.51	746.05	483.82	220.97	
1/4	1/4	1/4	3,374.56	3,111.00	2,847.43	2,583.86	2,320.29	2,056.72	1,793.16	1,529.59	1,266.02	740.60	478.35	215.50	
1/2	1/2	1/2	3,369.07	3,105.51	2,841.94	2,578.37	2,314.80	2,051.23	1,787.67	1,524.10	1,260.53	735.15	472.87	210.02	
3/4	3/4	3/4	3,363.58	3,100.01	2,836.45	2,572.88	2,309.31	2,045.74	1,782.17	1,518.61	1,255.04	729.70	467.39	204.55	
10	10	10	3,358.09	3,094.52	2,830.96	2,567.39	2,303.82	2,040.25	1,776.68	1,513.12	1,249.55	724.25	461.92	199.07	
1/4	1/4	1/4	3,352.60	3,089.03	2,825.46	2,561.90	2,298.33	2,034.76	1,771.19	1,507.62	1,244.06	718.80	456.44	193.59	
1/2	1/2	1/2	3,347.11	3,083.54	2,819.97	2,556.41	2,292.84	2,029.27	1,765.70	1,502.13	1,238.57	713.36	450.97	188.12	
3/4	3/4	3/4	3,341.62	3,078.05	2,814.48	2,550.91	2,287.35	2,023.78	1,760.21	1,496.64	1,233.07	707.91	445.49	182.64	
11	11	11	3,336.13	3,072.56	2,808.99	2,545.42	2,281.86	2,018.29	1,754.72	1,491.15	1,227.58	702.46	440.01	177.17	
1/4	1/4	1/4	3,330.64	3,067.07	2,803.50	2,539.93	2,276.36	2,012.80	1,749.23	1,485.66	1,222.09	696.91	434.54	171.69	
1/2	1/2	1/2	3,325.15	3,061.58	2,798.01	2,534.44	2,270.87	2,007.31	1,743.74	1,480.17	1,216.60	691.36	429.06	166.21	
3/4	3/4	3/4	3,319.65	3,056.09	2,792.52	2,528.95	2,265.38	2,001.81	1,738.25	1,474.68	1,211.11	685.81	423.59	160.74	

CAPACITIES GIVEN IN BARRELS OF 42 US GALLONS

REFERENCE GAUGE HEIGHT : 14'-8 3/4" (TO RIM OF 2" DIAMETER BALL VALVE
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INSPECTORATE AMERICA CORPORATION

OUTAGE TABLE

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.
0			0 3,286.76	0 3,026.46	0 2,766.16	0 2,605.85	0 2,245.54	0 1,985.24	0 1,724.94	0 1,464.63	0 1,204.33	0 942.73	0 680.66	0 418.11	0 156.26
1/4			1/4 3,281.34	1/4 3,021.03	1/4 2,760.73	1/4 2,600.42	1/4 2,240.12	1/4 1,979.82	1/4 1,719.51	1/4 1,459.21	1/4 1,198.90	1/4 937.25	1/4 675.21	1/4 412.63	1/4 149.79
1/2			1/2 3,275.91	1/2 3,015.61	1/2 2,755.31	1/2 2,495.00	1/2 2,234.70	1/2 1,974.39	1/2 1,714.09	1/2 1,453.79	1/2 1,193.48	1/2 931.77	1/2 669.78	1/2 407.16	1/2 144.31
3/4			3/4 3,270.49	3/4 3,010.19	3/4 2,749.88	3/4 2,489.58	3/4 2,229.27	3/4 1,968.97	3/4 1,708.67	3/4 1,448.36	3/4 1,188.06	3/4 926.30	3/4 664.31	3/4 401.68	3/4 136.83
1		1	3,265.07	3,004.76	2,744.46	2,484.16	2,223.85	1,963.55	1,703.24	1,442.94	1,182.64	920.82	658.87	398.21	133.84
1/4		1/4	3,259.64	2,999.34	2,739.04	2,478.73	2,218.43	1,958.12	1,697.82	1,437.62	1,177.21	916.35	653.42	390.73	128.85
1/2		1/2	3,254.22	2,993.92	2,733.61	2,473.31	2,213.01	1,952.70	1,692.40	1,432.09	1,171.79	909.87	647.97	385.25	123.86
3/4		3/4	3,248.80	2,988.49	2,728.19	2,467.89	2,207.58	1,947.28	1,686.97	1,426.67	1,166.37	904.39	642.52	379.78	118.87
2		2	3,243.38	2,983.07	2,722.77	2,462.46	2,202.16	1,941.86	2,168.55	2,142.15	2,160.94	2 898.02	2 637.07	2 374.30	2 113.88
1/4		1/4	3,237.95	2,977.65	2,717.34	2,456.74	2,196.74	1,936.43	1,676.13	1,415.82	1,155.52	893.44	631.62	368.83	108.89
1/2		1/2	3,232.53	2,972.23	2,711.92	2,451.62	2,191.32	1,931.01	1,670.71	1,410.40	1,150.10	887.97	626.17	363.35	103.90
3/4		3/4	3,227.11	2,966.80	2,706.50	2,446.19	2,185.89	1,925.59	1,665.28	1,404.98	1,144.67	882.49	620.72	357.87	98.91
3		3	3,460.56	3,221.68	3 2,961.38	3 2,701.08	3 2,440.77	3 2,180.47	3 1,920.16	3 1,659.86	3 1,399.56	3 1,139.25	3 877.01	3 616.25	3 352.40
1/4		1/4	3,459.46	3,216.26	2,956.96	2,696.65	2,436.35	2,176.04	1,915.74	1,655.44	1,395.13	1,134.83	871.54	609.77	346.92
1/2		1/2	3,457.27	3,210.84	2,950.53	2,690.23	2,429.93	2,169.62	1,909.32	1,649.01	1,388.71	1,128.41	866.06	604.29	341.45
3/4		3/4	3,455.08	3,205.41	2,945.11	2,684.81	2,424.60	2,164.20	1,903.89	1,643.69	1,383.29	1,122.98	860.59	598.82	335.97
4		4	3,452.89	3,199.99	2,939.69	2,679.38	2,419.08	2,158.78	1,898.47	1,638.17	1,377.86	1,117.66	855.11	593.34	330.49
1/4		1/4	3,450.70	3,194.57	2,934.26	2,673.96	2,413.66	1,893.05	1,632.74	1,372.44	1,112.14	849.63	849.63	587.87	325.02
1/2		1/2	3,446.32	3,189.15	2,928.84	2,668.54	2,408.23	1,887.63	1,627.32	1,367.02	1,106.71	844.16	844.16	582.39	319.54
3/4		3/4	3,441.94	3,183.72	2,923.42	2,663.11	2,402.81	1,882.20	1,621.90	1,361.69	1,101.29	838.68	838.68	576.91	314.07
5		5	3,437.56	3,178.30	2,918.00	2,657.69	2,397.39	1,876.78	1,616.48	1,356.17	1,095.83	833.23	5	571.44	5 308.59
1/4		1/4	3,433.18	3,172.88	2,912.57	2,652.27	2,391.96	1,871.36	1,611.05	1,350.75	1,090.37	827.78	1/4	565.96	1/4 303.11
1/2		1/2	3,427.76	3,167.45	2,907.16	2,646.85	2,386.54	1,865.93	1,605.63	1,345.33	1,084.91	822.34	1/2	560.49	1/2 297.64
3/4		3/4	3,422.33	3,162.03	2,901.73	2,641.42	2,381.12	1,860.61	1,600.21	1,339.90	1,079.45	816.89	3/4	555.01	3/4 292.16
6		6	3,416.81	3,156.61	2,896.30	2,636.00	2,375.70	1,855.09	1,594.78	1,334.48	1,073.99	811.44	6	549.63	6 288.69
1/4		1/4	3,411.49	3,151.18	2,890.88	2,630.58	2,370.27	1,849.66	1,589.36	1,329.06	1,068.52	805.99	1/4	544.06	1/4 281.21
1/2		1/2	3,406.07	3,145.76	2,885.46	2,625.16	2,364.85	1,844.24	1,583.94	1,323.63	1,063.06	800.54	1/2	538.58	1/2 275.73
3/4		3/4	3,400.64	3,140.34	2,880.03	2,619.73	2,359.43	1,838.82	1,578.51	1,318.21	1,057.60	795.09	3/4	533.11	3/4 270.26
7		7	3,395.22	3,134.92	2,874.61	2,614.31	2,354.00	1,833.40	1,573.09	1,312.79	1,052.14	7	789.64	7 267.83	7 12.20
1/4		1/4	3,389.80	3,129.49	2,869.19	2,608.88	2,348.58	1,827.97	1,567.67	1,307.36	1,046.68	784.19	1/4	784.19	1/4 9.47
1/2		1/2	3,384.37	3,124.07	2,863.77	2,603.46	2,343.16	1,822.55	1,562.25	1,301.94	1,041.22	778.74	1/2	778.74	1/2 6.73
3/4		3/4	3,378.95	3,118.65	2,858.34	2,598.04	2,337.73	1,817.13	1,556.82	1,296.62	1,035.76	773.29	3/4	773.29	3/4 3.99
8		8	3,373.53	3,113.22	2,852.92	2,592.62	2,332.31	1,811.70	1,551.40	1,291.10	1,030.30	8	767.85	8 3.08	8 3.08
1/4		1/4	3,368.10	3,107.80	2,847.50	2,587.19	2,326.89	1,806.28	1,545.98	1,285.67	1,024.84	762.40	1/4	762.40	1/4 2.16
1/2		1/2	3,362.68	3,102.38	2,842.07	2,581.77	2,321.47	1,800.86	1,540.55	1,280.25	1,019.38	756.95	1/2	756.95	1/2 1.25
3/4		3/4	3,357.28	3,096.95	2,836.65	2,576.35	2,316.04	1,795.43	1,535.13	1,274.83	1,013.91	751.50	3/4	751.50	3/4 0.34
9		9	3,351.84	3,091.53	2,831.23	2,570.92	2,310.62	1,790.01	1,529.71	1,269.40	1,008.44	9	746.05	9 483.82	9 220.97
1/4		1/4	3,346.41	3,086.11	2,825.80	2,565.50	2,305.20	1,784.59	1,524.28	1,263.98	1,002.96	740.60	1/4	740.60	1/4 215.50
1/2		1/2	3,340.99	3,080.69	2,820.38	2,560.08	2,299.77	1,779.17	1,518.86	1,258.66	997.49	735.15	1/2	735.15	1/2 210.02
3/4		3/4	3,335.57	3,075.26	2,814.96	2,554.65	2,294.35	1,773.74	1,513.44	1,253.33	992.01	729.70	3/4	729.70	3/4 204.55
10		10	3,330.14	3,069.84	2,809.54	2,549.23	2,288.93	1,768.32	1,508.02	1,247.71	986.53	724.25	10	724.25	10 199.07
1/4		1/4	3,324.72	3,064.42	2,804.11	2,543.81	2,283.50	1,762.90	1,502.59	1,242.29	981.06	718.80	1/4	718.80	1/4 193.59
1/2		1/2	3,319.30	3,058.99	2,798.69	2,538.39	2,278.08	1,757.47	1,497.17	1,236.87	975.58	713.36	1/2	713.36	1/2 188.12
3/4		3/4	3,313.87	3,053.57	2,793.27	2,532.96	2,272.66	1,752.05	1,491.75	1,231.44	970.11	707.91	3/4	707.91	3/4 182.64
11		11	3,308.45	3,048.15	2,787.84	2,527.54	2,267.24	1,746.63	1,486.32	1,226.02	964.63	702.46	11	702.46	11 177.17
1/4		1/4	3,303.03	3,042.72	2,782.42	2,522.12	2,261.81	1,741.20	1,480.90	1,220.60	959.15	697.01	1/4	697.01	1/4 171.69
1/2		1/2	3,297.61	3,037.30	2,777.00	2,516.69	2,256.39	1,735.78	1,475.48	1,215.17	953.68	691.56	1/2	691.56	1/2 166.21
3/4		3/4	3,292.18	3,031.88	2,771.57	2,511.27	2,250.97	1,730.36	1,470.05	1,209.75	948.20	686.11	3/4	686.11	3/4 160.74

WE CERTIFY ALL MEASUREMENTS AND COMPUTATIONS ARE
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INSPECTORATE AMERICA CORPORATION



BARGE "MPC-1004"
MARATHON PETROLEUM

INNAGE TABLE

FUEL TANK

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.
0	0.00	0	83.71	0	209.70	0	323.92	0	0	0	0	0	0	0	0
1/4	0.55	1/4	86.17	1/4	212.35	1/4	325.74	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1.10	1/2	88.63	1/2	215.01	1/2	327.55	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1.65	3/4	91.09	3/4	217.66	3/4	329.37	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	2.20	1	93.65	1	220.31	1	331.18	1	1	1	1	1	1	1	1
1/4	3.19	1/4	96.06	1/4	222.94	1/4	332.85	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	4.19	1/2	98.57	1/2	225.57	1/2	334.51	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	5.18	3/4	101.09	3/4	228.20	3/4	336.17	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	6.18	2	103.60	2	230.82	2	337.84	2	2	2	2	2	2	2	2
1/4	7.45	1/4	106.16	1/4	233.42	1/4	339.32	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	8.72	1/2	108.72	1/2	236.02	1/2	340.81	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	9.99	3/4	111.27	3/4	238.61	3/4	342.29	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	11.26	3	113.83	3	241.21	3	343.78	3	3	3	3	3	3	3	3
1/4	12.75	1/4	116.43	1/4	243.77	1/4	345.05	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	14.23	1/2	119.02	1/2	246.32	1/2	346.32	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	15.72	3/4	121.62	3/4	248.88	3/4	347.59	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	17.20	4	124.22	4	251.44	4	348.86	4	4	4	4	4	4	4	4
1/4	18.87	1/4	126.84	1/4	253.95	1/4	349.86	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	20.53	1/2	129.47	1/2	256.47	1/2	350.85	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	22.19	3/4	132.10	3/4	258.98	3/4	351.85	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	23.86	5	134.73	5	261.49	5	352.84	5	5	5	5	5	5	5	5
1/4	25.67	1/4	137.38	1/4	263.95	1/4	353.39	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	27.49	1/2	140.03	1/2	266.41	1/2	353.94	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	29.30	3/4	142.69	3/4	268.87	3/4	354.49	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	31.12	6	145.34	6	271.33	6	355.04	6	6	6	6	6	6	6	6
1/4	33.06	1/4	148.01	1/4	273.73	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	35.01	1/2	150.68	1/2	276.13	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	36.95	3/4	153.35	3/4	278.53	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	38.90	7	156.02	7	280.93	7		7	7	7	7	7	7	7	7
1/4	40.86	1/4	158.71	1/4	283.26	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	43.02	1/2	161.39	1/2	285.59	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	45.08	3/4	164.08	3/4	287.92	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	47.14	8	166.76	8	290.25	8		8	8	8	8	8	8	8	8
1/4	49.30	1/4	169.45	1/4	292.50	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	51.46	1/2	172.14	1/2	294.75	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	53.63	3/4	174.83	3/4	297.00	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	55.79	9	177.52	9	299.25	9		9	9	9	9	9	9	9	9
1/4	58.04	1/4	180.21	1/4	301.41	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	60.29	1/2	182.90	1/2	303.58	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	62.54	3/4	185.59	3/4	305.74	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	64.79	10	188.28	10	307.90	10		10	10	10	10	10	10	10	10
1/4	67.12	1/4	190.96	1/4	309.96	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	69.45	1/2	193.65	1/2	312.02	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	71.78	3/4	196.33	3/4	314.08	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	74.11	11	199.02	11	316.14	11		11	11	11	11	11	11	11	11
1/4	76.51	1/4	201.69	1/4	318.09	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	78.91	1/2	204.36	1/2	320.03	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	81.31	3/4	207.03	3/4	321.98	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4

CAPACITIES GIVEN IN BARRELS OF 42 US GALLONS

REFERENCE GAUGE HEIGHT : 3-11 3/4" (TO RIM OF 10" DIAMETER HATCH)

STRAPPED: 12/11/12

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


INSPECTORATE AMERICA CORPORATION



BARGE "MPC-1004"
MARATHON PETROLEUM

OUTAGE TABLE

FUEL TANK

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.
0	0	321.98	0	207.03	0	81.31	0		0	0	0	0	0	0	0
1/4	1/4	320.03	1/4	204.36	1/4	78.91	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	318.09	1/2	201.69	1/2	76.51	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	316.14	3/4	199.02	3/4	74.11	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	1	314.08	1	196.33	1	71.78	1	1	1	1	1	1	1	1	1
1/4	1/4	312.02	1/4	193.65	1/4	69.45	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	309.96	1/2	190.96	1/2	67.12	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	307.90	3/4	188.28	3/4	64.79	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	2	305.74	2	185.59	2	62.54	2	2	2	2	2	2	2	2	2
1/4	1/4	303.58	1/4	182.90	1/4	60.29	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	301.41	1/2	180.21	1/2	58.04	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	299.25	3/4	177.52	3/4	55.79	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	3	297.00	3	174.83	3	53.63	3	3	3	3	3	3	3	3	3
1/4	1/4	294.75	1/4	172.14	1/4	51.46	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	292.50	1/2	169.45	1/2	49.30	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	290.25	3/4	166.76	3/4	47.14	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	4	287.92	4	164.08	4	45.08	4	4	4	4	4	4	4	4	4
1/4	1/4	285.59	1/4	161.39	1/4	43.02	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	283.26	1/2	158.71	1/2	40.96	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	280.93	3/4	156.02	3/4	38.90	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	5	278.53	5	153.35	5	36.95	5	5	5	5	5	5	5	5	5
1/4	1/4	276.13	1/4	150.68	1/4	35.01	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	273.73	1/2	148.01	1/2	33.06	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	271.33	3/4	145.34	3/4	31.12	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	6	354.49	6	268.87	6	29.30	6	6	6	6	6	6	6	6	6
1/4	1/4	353.94	1/4	266.41	1/4	27.49	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	353.39	1/2	263.95	1/2	25.67	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	352.84	3/4	261.49	3/4	23.86	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	7	351.85	7	258.98	7	22.19	7	7	7	7	7	7	7	7	7
1/4	1/4	350.85	1/4	256.47	1/4	20.53	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	349.86	1/2	253.95	1/2	18.87	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	348.86	3/4	251.44	3/4	17.20	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	8	347.69	8	248.88	8	15.72	8	8	8	8	8	8	8	8	8
1/4	1/4	346.32	1/4	246.32	1/4	14.23	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	345.05	1/2	243.77	1/2	12.75	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	343.78	3/4	241.21	3/4	11.26	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	9	342.29	9	238.61	9	9.99	9	9	9	9	9	9	9	9	9
1/4	1/4	340.81	1/4	236.02	1/4	8.72	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	339.32	1/2	233.42	1/2	7.45	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	337.84	3/4	230.82	3/4	6.18	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	10	336.17	10	228.20	10	5.18	10	10	10	10	10	10	10	10	10
1/4	1/4	334.51	1/4	225.57	1/4	4.19	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	332.85	1/2	222.94	1/2	3.19	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	331.18	3/4	220.31	3/4	2.20	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	11	329.37	11	217.66	11	1.65	11	11	11	11	11	11	11	11	11
1/4	1/4	327.55	1/4	215.01	1/4	1.10	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	325.74	1/2	212.35	1/2	0.55	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	323.92	3/4	209.70	3/4	0.00	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4

CAPACITIES GIVEN IN BARRELS OF 42 US GALLONS

REFERENCE GAUGE HEIGHT : 3-11 3/4" (TO RIM OF 10" DIAMETER HATCH)

STRAPPED: 12/11/12

WE CERTIFY ALL MEASUREMENTS AND COMPUTATIONS ARE
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INSPECTORATE AMERICA CORPORATION



BARGE "MPC-1004"
MARATHON PETROLEUM

INNAGE TABLE

SLOP TANK

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.
0	0.00	0	348.72	0	697.43	0	1,046.16	0	0	0	0	0	0	0	0
1/4	7.26	1/4	355.98	1/4	704.70	1/4	1,053.41	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	14.53	1/2	363.25	1/2	711.96	1/2	1,060.68	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	21.79	3/4	370.51	3/4	719.23	3/4	1,067.94	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	29.06	1	377.77	1	726.49	1	1,075.21	1	1	1	1	1	1	1	1
1/4	36.32	1/4	385.04	1/4	733.75	1/4	1,082.47	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	43.69	1/2	392.30	1/2	741.02	1/2	1,089.74	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	60.85	3/4	399.57	3/4	748.28	3/4	1,097.00	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	68.12	2	406.83	2	755.55	2	1,104.26	2	2	2	2	2	2	2	2
1/4	65.38	1/4	414.10	1/4	762.81	1/4	1,111.53	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	72.65	1/2	421.36	1/2	770.08	1/2	1,118.79	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	79.91	3/4	428.63	3/4	777.34	3/4	1,126.06	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	87.18	3	435.89	3	784.61	3	1,133.32	3	3	3	3	3	3	3	3
1/4	94.44	1/4	443.16	1/4	791.87	1/4	1,140.59	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	101.71	1/2	450.42	1/2	799.14	1/2	1,147.85	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	108.97	3/4	457.69	3/4	806.40	3/4	1,155.12	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	116.24	4	464.95	4	813.67	4	1,162.38	4	4	4	4	4	4	4	4
1/4	123.50	1/4	472.22	1/4	820.93	1/4	1,169.65	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	130.77	1/2	479.48	1/2	828.20	1/2	1,176.91	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	138.03	3/4	486.75	3/4	835.46	3/4	1,184.18	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	145.30	5	494.01	5	842.73	5	1,191.44	5	5	5	5	5	5	5	5
1/4	152.56	1/4	501.28	1/4	849.99	1/4	1,198.71	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	159.83	1/2	508.54	1/2	857.26	1/2	1,205.97	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	167.09	3/4	515.81	3/4	864.52	3/4	1,213.24	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	174.36	6	523.07	6	871.79	6	1,220.50	6	6	6	6	6	6	6	6
1/4	181.62	1/4	530.34	1/4	879.05	1/4	1,227.77	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	188.89	1/2	537.60	1/2	886.32	1/2	1,235.03	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	196.15	3/4	544.87	3/4	893.58	3/4	1,242.30	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	203.42	7	552.13	7	900.85	7	1,249.56	7	7	7	7	7	7	7	7
1/4	210.68	1/4	559.40	1/4	908.11	1/4	1,256.83	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	217.95	1/2	566.66	1/2	916.38	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	225.21	3/4	573.93	3/4	922.64	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	232.48	8	581.19	8	929.91	8		8	8	8	8	8	8	8	8
1/4	239.74	1/4	588.46	1/4	937.17	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	247.01	1/2	595.72	1/2	944.44	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	254.27	3/4	602.99	3/4	951.70	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	261.54	9	610.25	9	958.97	9		9	9	9	9	9	9	9	9
1/4	268.80	1/4	617.52	1/4	966.23	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	276.07	1/2	624.78	1/2	973.50	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	283.33	3/4	632.05	3/4	980.76	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	290.60	10	639.31	10	988.03	10		10	10	10	10	10	10	10	10
1/4	297.86	1/4	646.58	1/4	995.29	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	305.13	1/2	653.84	1/2	1,002.56	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	312.39	3/4	661.11	3/4	1,009.82	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	319.66	11	668.37	11	1,017.09	11		11	11	11	11	11	11	11	11
1/4	326.92	1/4	675.64	1/4	1,024.35	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	334.19	1/2	682.90	1/2	1,031.62	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	341.45	3/4	690.17	3/4	1,038.88	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4

CAPACITIES GIVEN IN BARRELS OF 42 US GALLONS

STRAPPED: 12/11/12

REFERENCE GAUGE HEIGHT : 4'-10 1/2" (TO RIM OF 2" DIAMETER BALL VALVE)

WE CERTIFY ALL MEASUREMENTS AND COMPUTATIONS ARE
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INSPECTORATE AMERICA CORPORATION



BARGE "MPC-1004"
MARATHON PETROLEUM

OUTAGE TABLE

SLOP TANK

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.
0	0	0	1,002.66	0	653.84	0	305.13	0	0	0	0	0	0	0	0
1/4	1/4	1/4	995.29	1/4	646.58	1/4	297.86	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	988.03	1/2	639.31	1/2	290.60	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	980.76	3/4	632.05	3/4	283.33	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	1	1	973.50	1	624.78	1	276.07	1	1	1	1	1	1	1	1
1/4	1/4	1/4	966.23	1/4	617.52	1/4	268.80	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	958.97	1/2	610.25	1/2	261.64	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	951.70	3/4	602.99	3/4	254.27	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	2	2	944.44	2	595.72	2	247.01	2	2	2	2	2	2	2	2
1/4	1/4	1/4	937.17	1/4	588.46	1/4	239.74	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	929.91	1/2	581.19	1/2	232.48	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	922.64	3/4	573.93	3/4	225.21	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	3	3	916.38	3	566.66	3	217.95	3	3	3	3	3	3	3	3
1/4	1/4	1,256.83	1/4	908.11	1/4	559.40	1/4	210.68	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1,249.56	1/2	900.85	1/2	552.13	1/2	203.42	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	1,242.30	3/4	893.58	3/4	544.87	3/4	196.16	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	4	1,235.03	4	886.32	4	537.60	4	188.89	4	4	4	4	4	4	4
1/4	1/4	1,227.77	1/4	879.05	1/4	530.34	1/4	181.62	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1,220.50	1/2	871.79	1/2	523.07	1/2	174.36	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	1,213.24	3/4	864.52	3/4	515.81	3/4	167.09	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	5	1,205.97	5	857.26	5	508.54	5	159.83	5	5	5	5	5	5	5
1/4	1/4	1,198.71	1/4	849.99	1/4	501.28	1/4	152.66	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1,191.44	1/2	842.73	1/2	494.01	1/2	145.30	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	1,184.18	3/4	835.46	3/4	486.75	3/4	138.03	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	6	1,176.91	6	828.20	6	479.48	6	130.77	6	6	6	6	6	6	6
1/4	1/4	1,169.65	1/4	820.93	1/4	472.22	1/4	123.50	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1,162.38	1/2	813.67	1/2	464.95	1/2	116.24	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	1,155.12	3/4	806.40	3/4	457.69	3/4	108.97	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	7	1,147.85	7	799.14	7	450.42	7	101.71	7	7	7	7	7	7	7
1/4	1/4	1,140.59	1/4	791.87	1/4	443.16	1/4	94.44	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1,133.32	1/2	784.61	1/2	435.89	1/2	87.18	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	1,126.06	3/4	777.34	3/4	428.63	3/4	79.91	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	8	1,118.79	8	770.08	8	421.36	8	72.65	8	8	8	8	8	8	8
1/4	1/4	1,111.53	1/4	762.81	1/4	414.10	1/4	65.38	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1,104.28	1/2	755.55	1/2	406.83	1/2	58.12	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	1,097.00	3/4	748.28	3/4	399.57	3/4	50.85	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	9	1,089.74	9	741.02	9	392.30	9	43.59	9	9	9	9	9	9	9
1/4	1/4	1,082.47	1/4	733.75	1/4	385.04	1/4	36.32	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1,075.21	1/2	726.49	1/2	377.77	1/2	29.06	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	1,067.94	3/4	719.23	3/4	370.51	3/4	21.79	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	10	1,060.68	10	711.96	10	363.25	10	14.53	10	10	10	10	10	10	10
1/4	1/4	1,053.41	1/4	704.70	1/4	355.98	1/4	7.26	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1,046.15	1/2	697.43	1/2	348.72	1/2	0.00	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	1,038.88	3/4	690.17	3/4	341.45	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	11	1,031.62	11	682.90	11	334.19	11		11	11	11	11	11	11	11
1/4	1/4	1,024.35	1/4	675.64	1/4	326.92	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1,017.09	1/2	668.37	1/2	319.66	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	1,009.82	3/4	661.11	3/4	312.39	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4

CAPACITIES GIVEN IN BARRELS OF 42 US GALLONS

REFERENCE GAUGE HEIGHT : 4'-10 1/2" (TO RIM OF 2" DIAMETER BALL VALVE)

STRAPPED: 12/11/12

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