



**BARGE "MPC-646"  
MARATHON PETROLEUM CORP.**

**INNAGE TABLE**

**1 PORT OR STAR**

HULL NO. 2169-19

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	I	N	I	N	I	N	I	N	I	N	I	N	I	N	I	N	I	N	I	N	I	N	I	N	I	N	I	N	I
0	15.36	0	326.19	0	680.06	0	1,038.38	0	1,396.70	0	1,755.02	0	2,113.34	0	2,471.66	0	2,829.98	0	3,188.30	0	3,546.62	0	3,904.94	0	4,263.26	0	4,621.58	0	4,979.90
1/4	19.57	1/4	333.35	1/4	687.53	1/4	1,045.85	1/4	1,404.17	1/4	1,762.49	1/4	2,120.81	1/4	2,479.13	1/4	2,837.45	1/4	3,195.77	1/4	3,554.09	1/4	3,912.41	1/4	4,270.73	1/4	4,629.05	1/4	4,987.37
1/2	23.78	1/2	340.50	1/2	694.99	1/2	1,053.31	1/2	1,411.63	1/2	1,769.95	1/2	2,128.27	1/2	2,486.59	1/2	2,844.91	1/2	3,203.23	1/2	3,561.55	1/2	3,919.87	1/2	4,278.19	1/2	4,636.51	1/2	4,994.83
3/4	27.99	3/4	347.66	3/4	702.46	3/4	1,060.78	3/4	1,419.10	3/4	1,777.42	3/4	2,135.74	3/4	2,494.06	3/4	2,852.38	3/4	3,210.70	3/4	3,569.02	3/4	3,927.34	3/4	4,285.66	3/4	4,643.98	3/4	5,002.30
1	32.20	1	354.81	1	709.92	1	1,068.24	1	1,426.56	1	1,784.88	1	2,143.20	1	2,501.52	1	2,859.84	1	3,218.16	1	3,576.48	1	3,934.80	1	4,293.12	1	4,651.44	1	5,009.76
1/4	37.88	1/4	361.97	1/4	717.39	1/4	1,075.71	1/4	1,434.03	1/4	1,792.35	1/4	2,149.67	1/4	2,508.99	1/4	2,868.31	1/4	3,227.63	1/4	3,586.95	1/4	3,946.27	1/4	4,305.59	1/4	4,664.91	1/4	5,024.23
1/2	43.55	1/2	369.12	1/2	724.85	1/2	1,083.17	1/2	1,441.49	1/2	1,799.81	1/2	2,158.13	1/2	2,517.45	1/2	2,876.77	1/2	3,235.09	1/2	3,594.41	1/2	3,953.73	1/2	4,312.05	1/2	4,670.37	1/2	5,029.09
3/4	49.23	3/4	376.28	3/4	732.32	3/4	1,090.64	3/4	1,448.96	3/4	1,807.28	3/4	2,165.60	3/4	2,523.92	3/4	2,883.24	3/4	3,241.56	3/4	3,600.88	3/4	3,959.20	3/4	4,317.52	3/4	4,674.84	3/4	5,033.16
1	54.90	1	383.43	1	739.78	1	1,098.10	1	1,456.42	1	1,814.74	1	2,173.06	1	2,531.38	1	2,889.70	1	3,248.02	1	3,606.34	1	3,964.66	1	4,322.98	1	4,681.30	1	5,037.14
1/4	61.44	1/4	390.71	1/4	747.25	1/4	1,105.57	1/4	1,463.89	1/4	1,822.21	1/4	2,180.53	1/4	2,538.85	1/4	2,897.17	1/4	3,255.49	1/4	3,613.81	1/4	3,972.13	1/4	4,330.45	1/4	4,688.07	1/4	5,044.74
1/2	67.97	1/2	397.99	1/2	754.71	1/2	1,113.03	1/2	1,471.35	1/2	1,829.67	1/2	2,187.99	1/2	2,546.31	1/2	2,904.63	1/2	3,262.95	1/2	3,629.27	1/2	3,987.59	1/2	4,345.91	1/2	4,703.53	1/2	5,060.20
3/4	74.50	3/4	405.27	3/4	762.18	3/4	1,120.50	3/4	1,478.82	3/4	1,837.14	3/4	2,195.46	3/4	2,553.78	3/4	2,912.10	3/4	3,270.42	3/4	3,628.74	3/4	3,987.06	3/4	4,345.38	3/4	4,703.00	3/4	5,058.94
1	81.04	1	412.55	1	769.64	1	1,127.96	1	1,486.28	1	1,844.60	1	2,202.92	1	2,561.24	1	2,919.56	1	3,277.88	1	3,636.20	1	3,994.52	1	4,352.84	1	4,711.16	1	5,069.54
1/4	87.57	1/4	419.83	1/4	777.11	1/4	1,135.43	1/4	1,494.75	1/4	1,852.07	1/4	2,210.39	1/4	2,568.71	1/4	2,927.03	1/4	3,285.35	1/4	3,643.67	1/4	4,001.99	1/4	4,360.31	1/4	4,718.63	1/4	5,076.26
1/2	94.10	1/2	427.11	1/2	784.57	1/2	1,142.89	1/2	1,501.21	1/2	1,859.53	1/2	2,217.85	1/2	2,576.17	1/2	2,934.49	1/2	3,292.81	1/2	3,651.13	1/2	4,009.45	1/2	4,367.09	1/2	4,724.73	1/2	5,082.25
3/4	100.64	3/4	434.39	3/4	792.04	3/4	1,150.36	3/4	1,508.68	3/4	1,867.00	3/4	2,225.32	3/4	2,583.64	3/4	2,941.96	3/4	3,300.28	3/4	3,658.60	3/4	4,016.92	3/4	4,373.56	3/4	4,731.20	3/4	5,097.96
1	107.17	1	441.67	1	799.50	1	1,157.82	1	1,516.14	1	1,874.46	1	2,232.78	1	2,591.10	1	2,949.42	1	3,307.74	1	3,666.06	1	4,024.38	1	4,382.70	1	4,741.02	1	5,103.74
1/4	113.83	1/4	449.08	1/4	806.97	1/4	1,165.29	1/4	1,523.61	1/4	1,881.93	1/4	2,240.25	1/4	2,598.57	1/4	2,956.89	1/4	3,315.21	1/4	3,673.53	1/4	4,031.85	1/4	4,390.17	1/4	4,748.49	1/4	5,080.08
1/2	120.48	1/2	456.48	1/2	814.43	1/2	1,173.75	1/2	1,531.07	1/2	1,899.39	1/2	2,247.71	1/2	2,606.03	1/2	2,964.35	1/2	3,322.67	1/2	3,680.99	1/2	4,039.31	1/2	4,397.63	1/2	4,755.95	1/2	5,088.19
3/4	127.14	3/4	463.88	3/4	821.90	3/4	1,180.22	3/4	1,538.54	3/4	1,896.86	3/4	2,255.18	3/4	2,613.50	3/4	2,971.82	3/4	3,332.14	3/4	3,688.46	3/4	4,046.78	3/4	4,405.10	3/4	4,763.42	3/4	5,086.30
1	133.80	1	471.29	1	829.36	1	1,187.68	1	1,546.00	1	1,904.32	1	2,262.64	1	2,620.96	1	2,979.28	1	3,337.60	1	3,695.92	1	4,054.24	1	4,412.56	1	4,770.88	1	5,089.41
1/4	140.46	1/4	478.69	1/4	836.83	1/4	1,195.15	1/4	1,553.47	1/4	1,911.79	1/4	2,270.11	1/4	2,628.43	1/4	2,986.75	1/4	3,345.07	1/4	3,703.39	1/4	4,061.71	1/4	4,420.03	1/4	4,778.35	1/4	5,091.28
1/2	147.12	1/2	486.10	1/2	844.29	1/2	1,202.61	1/2	1,560.93	1/2	1,919.25	1/2	2,277.57	1/2	2,635.89	1/2	2,994.21	1/2	3,352.53	1/2	3,710.85	1/2	4,069.17	1/2	4,427.49	1/2	4,785.81	1/2	5,093.14
3/4	153.78	3/4	493.50	3/4	851.76	3/4	1,210.08	3/4	1,568.40	3/4	1,926.72	3/4	2,285.04	3/4	2,643.36	3/4	3,001.68	3/4	3,360.00	3/4	3,718.32	3/4	4,076.64	3/4	4,434.96	3/4	4,793.28	3/4	5,095.01
1	160.43	1	500.90	1	859.22	1	1,217.54	1	1,575.86	1	1,934.18	1	2,292.50	1	2,650.82	1	3,009.14	1	3,367.46	1	3,725.78	1	4,084.10	1	4,442.42	1	4,800.74	1	5,096.88
1/4	167.21	1/4	508.37	1/4	866.69	1/4	1,225.01	1/4	1,583.33	1/4	1,941.65	1/4	2,299.97	1/4	2,658.29	1/4	3,016.61	1/4	3,374.93	1/4	3,733.25	1/4	4,091.57	1/4	4,449.89	1/4	4,808.21	1/4	5,097.50
1/2	174.00	1/2	515.83	1/2	874.15	1/2	1,232.47	1/2	1,590.79	1/2	1,949.11	1/2	2,307.43	1/2	2,665.75	1/2	3,032.07	1/2	3,382.39	1/2	3,740.71	1/2	4,099.03	1/2	4,457.35	1/2	4,815.67	1/2	5,098.12
3/4	180.78	3/4	523.30	3/4	881.62	3/4	1,239.94	3/4	1,598.26	3/4	1,956.58	3/4	2,314.90	3/4	2,673.22	3/4	3,031.54	3/4	3,389.86	3/4	3,748.18	3/4	4,106.50	3/4	4,464.82	3/4	4,823.14	3/4	5,098.74
1	187.56	1	530.76	1	889.08	1	1,247.40	1	1,605.72	1	1,964.04	1	2,322.36	1	2,680.68	1	3,039.00	1	3,397.32	1	3,755.64	1	4,113.96	1	4,472.28	1	4,830.60	1	5,099.36
1/4	194.34	1/4	538.23	1/4	896.55	1/4	1,254.87	1/4	1,613.19	1/4	1,971.51	1/4	2,329.83	1/4	2,688.15	1/4	3,046.47	1/4	3,404.79	1/4	3,763.11	1/4	4,121.43	1/4	4,479.75	1/4	4,838.07	1/4	5,099.92
1/2	201.12	1/2	545.69	1/2	904.01	1/2	1,262.33	1/2	1,620.65	1/2	1,978.97	1/2	2,337.29	1/2	2,695.61	1/2	3,053.93	1/2	3,412.25	1/2	3,770.57	1/2	4,128.89	1/2	4,487.21	1/2	4,845.53	1/2	5,099.48
3/4	207.91	3/4	553.16	3/4	911.48	3/4	1,269.80	3/4	1,628.12	3/4	1,986.44	3/4	2,344.76	3/4	2,703.08	3/4	3,061.40	3/4	3,419.72	3/4	3,778.04	3/4	4,136.36	3/4	4,494.68	3/4	4,853.00	3/4	5,099.41
1	214.69	1	560.62	1	918.94	1	1,277.26	1	1,635.58	1	1,993.90	1	2,352.22	1	2,710.54	1	3,068.86	1	3,427.18	1	3,785.50	1	4,143.82	1	4,502.14	1	4,860.46	1	5,099.41
1/4	221.60	1/4	568.09	1/4	926.41	1/4	1,284.73	1/4	1,643.05	1/4	2,001.37	1/4	2,359.69	1/4	2,718.01	1/4	3,076.33	1/4	3,434.65	1/4	3,792.97	1/4	4,151.29	1/4	4,509.61	1/4	4,867.93	1/4	5,099.41
1/2	228.50	1/2	575.55	1/2	933.87	1/2	1,292.19	1/2	1,650.51	1/2	2,008.83	1/2	2,367.15	1/2	2,725.47	1/2	3,083.79	1/2	3,442.11	1/2	3,800.43	1/2	4,158.75	1/2	4,517.07	1/2	4,875.39	1/2	5,099.41
3/4	235.41	3/4	583.02	3/4	941.34	3/4	1,299.66	3/4	1,657.98	3/4	2,016.30	3/4	2,374.62	3/4	2,732.94	3/4	3,091.26	3/4	3,449.58	3/4	3,807.90	3/4	4,166.22	3/4	4,524.54	3/4	4,882.86	3/4	5,099.41
1	242.32	1	590.48	1	948.80	1	1,307.12	1	1,665.44	1	2,023.76	1	2,382.08	1	2,740.40	1	3,098.72	1	3,457.04	1	3,815.36	1	4,173.68	1	4,532.00	1	4,890.32	1	5,099.41
1/4	249.22	1/4	597.95	1/4	956.27	1/4	1,314.59	1/4	1,672.91	1/4	2,031.23	1/4	2,389.55	1/4	2,747.87	1/4	3,106.19	1/4	3,46										



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**INNAGE TABLE**

**2 PORT OR STAR**

HULL NO. 2169-19

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	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				
0	15.27	0	360.16	0	1,079.97	0	1,799.78	0	2,159.68	0	2,519.58	0	2,879.49	0	3,239.39	0	3,599.30	0	3,959.20	0	4,319.10	0	4,679.01	0	5,038.91	0	5,398.81	0	5,758.71	0	6,118.61	0	6,478.51
1/4	19.96	1/4	387.66	1/4	1,087.47	1/4	1,807.27	1/4	2,167.18	1/4	2,527.08	1/4	2,886.99	1/4	3,246.89	1/4	3,606.79	1/4	3,966.70	1/4	4,326.60	1/4	4,686.51	1/4	5,046.41	1/4	5,406.31	1/4	5,766.21	1/4	6,126.11	1/4	6,486.01
1/2	24.64	1/2	735.06	1/2	1,094.96	1/2	1,814.77	1/2	2,174.68	1/2	2,534.58	1/2	2,894.49	1/2	3,254.39	1/2	3,614.29	1/2	3,974.20	1/2	4,334.10	1/2	4,694.01	1/2	5,053.91	1/2	5,413.81	1/2	5,773.71	1/2	6,133.61	1/2	6,493.51
3/4	29.32	3/4	382.65	3/4	1,102.46	3/4	1,822.27	3/4	2,182.17	3/4	2,542.08	3/4	2,901.98	3/4	3,261.89	3/4	3,621.79	3/4	3,981.69	3/4	4,341.60	3/4	4,701.50	3/4	5,061.41	3/4	5,421.31	3/4	5,781.21	3/4	6,141.11	3/4	6,501.01
1	34.01	1	390.15	1	1,109.96	1	1,829.77	1	2,189.67	1	2,549.58	1	2,909.48	1	3,269.39	1	3,629.29	1	3,989.19	1	4,349.10	1	4,709.00	1	5,068.90	1	5,428.80	1	5,788.70	1	6,148.60	1	6,508.50
1 1/4	40.57	1 1/4	397.65	1 1/4	1,117.46	1 1/4	1,837.27	1 1/4	2,197.17	1 1/4	2,557.07	1 1/4	2,916.98	1 1/4	3,276.88	1 1/4	3,636.79	1 1/4	3,996.69	1 1/4	4,356.59	1 1/4	4,716.50	1 1/4	5,076.40	1 1/4	5,436.30	1 1/4	5,796.20	1 1/4	6,156.10	1 1/4	6,516.00
1 1/2	47.12	1 1/2	405.15	1 1/2	1,124.96	1 1/2	1,844.76	1 1/2	2,204.67	1 1/2	2,564.57	1 1/2	2,924.48	1 1/2	3,284.38	1 1/2	3,644.28	1 1/2	4,004.19	1 1/2	4,364.09	1 1/2	4,724.00	1 1/2	5,083.90	1 1/2	5,443.80	1 1/2	5,803.70	1 1/2	6,163.60	1 1/2	6,523.50
1 3/4	53.68	1 3/4	412.65	1 3/4	1,132.45	1 3/4	1,852.26	1 3/4	2,212.17	1 3/4	2,572.07	1 3/4	2,931.97	1 3/4	3,291.88	1 3/4	3,651.78	1 3/4	4,011.69	1 3/4	4,371.59	1 3/4	4,731.49	1 3/4	5,091.39	1 3/4	5,451.29	1 3/4	5,811.19	1 3/4	6,171.09	1 3/4	6,530.99
2	60.24	2	420.14	2	1,139.95	2	1,859.76	2	2,219.66	2	2,579.57	2	2,939.47	2	3,299.37	2	3,659.28	2	4,019.18	2	4,379.08	2	4,738.99	2	5,098.89	2	5,458.79	2	5,818.69	2	6,178.59	2	6,538.49
2 1/4	67.74	2 1/4	427.64	2 1/4	1,147.45	2 1/4	1,867.26	2 1/4	2,227.16	2 1/4	2,587.07	2 1/4	2,946.97	2 1/4	3,306.87	2 1/4	3,666.78	2 1/4	4,026.68	2 1/4	4,386.58	2 1/4	4,746.49	2 1/4	5,106.39	2 1/4	5,466.29	2 1/4	5,826.19	2 1/4	6,186.09	2 1/4	6,545.99
2 1/2	75.24	2 1/2	435.14	2 1/2	1,154.95	2 1/2	1,874.76	2 1/2	2,234.66	2 1/2	2,594.56	2 1/2	2,954.47	2 1/2	3,314.37	2 1/2	3,674.28	2 1/2	4,034.18	2 1/2	4,394.08	2 1/2	4,753.99	2 1/2	5,113.89	2 1/2	5,473.79	2 1/2	5,833.69	2 1/2	6,193.59	2 1/2	6,553.49
2 3/4	82.73	2 3/4	442.64	2 3/4	1,162.45	2 3/4	1,882.25	2 3/4	2,242.16	2 3/4	2,602.06	2 3/4	2,961.97	2 3/4	3,321.87	2 3/4	3,681.77	2 3/4	4,041.68	2 3/4	4,401.58	2 3/4	4,761.49	2 3/4	5,121.39	2 3/4	5,481.29	2 3/4	5,841.19	2 3/4	6,201.09	2 3/4	6,560.99
3	90.23	3	450.14	3	1,169.94	3	1,889.75	3	2,249.66	3	2,609.56	3	2,969.46	3	3,329.37	3	3,689.27	3	4,049.18	3	4,409.08	3	4,768.98	3	5,128.88	3	5,488.78	3	5,848.68	3	6,208.58	3	6,568.48
3 1/4	97.73	3 1/4	457.63	3 1/4	1,177.44	3 1/4	1,897.25	3 1/4	2,257.15	3 1/4	2,617.06	3 1/4	2,976.96	3 1/4	3,336.87	3 1/4	3,696.77	3 1/4	4,056.67	3 1/4	4,416.58	3 1/4	4,776.48	3 1/4	5,136.38	3 1/4	5,496.28	3 1/4	5,856.18	3 1/4	6,216.08	3 1/4	6,575.98
3 1/2	105.23	3 1/2	465.13	3 1/2	1,184.94	3 1/2	1,904.75	3 1/2	2,264.65	3 1/2	2,624.56	3 1/2	2,984.46	3 1/2	3,344.36	3 1/2	3,704.27	3 1/2	4,064.17	3 1/2	4,424.08	3 1/2	4,783.98	3 1/2	5,143.88	3 1/2	5,503.78	3 1/2	5,863.68	3 1/2	6,223.58	3 1/2	6,583.48
3 3/4	112.73	3 3/4	472.63	3 3/4	1,192.44	3 3/4	1,912.25	3 3/4	2,272.15	3 3/4	2,632.06	3 3/4	2,991.96	3 3/4	3,351.86	3 3/4	3,711.77	3 3/4	4,071.67	3 3/4	4,431.57	3 3/4	4,791.47	3 3/4	5,151.37	3 3/4	5,511.27	3 3/4	5,871.17	3 3/4	6,231.07	3 3/4	6,590.97
4	120.22	4	480.13	4	1,199.94	4	1,919.74	4	2,279.65	4	2,639.55	4	2,999.45	4	3,359.35	4	3,719.26	4	4,079.17	4	4,439.07	4	4,798.97	4	5,158.87	4	5,518.77	4	5,878.67	4	6,238.57	4	6,598.47
4 1/4	127.72	4 1/4	487.63	4 1/4	1,207.43	4 1/4	1,927.24	4 1/4	2,287.15	4 1/4	2,647.05	4 1/4	3,006.95	4 1/4	3,366.85	4 1/4	3,726.76	4 1/4	4,086.66	4 1/4	4,446.57	4 1/4	4,806.47	4 1/4	5,166.37	4 1/4	5,526.27	4 1/4	5,886.17	4 1/4	6,246.07	4 1/4	6,605.97
4 1/2	135.22	4 1/2	495.12	4 1/2	1,214.93	4 1/2	1,934.74	4 1/2	2,294.64	4 1/2	2,654.55	4 1/2	3,014.45	4 1/2	3,374.36	4 1/2	3,734.26	4 1/2	4,094.16	4 1/2	4,454.07	4 1/2	4,813.97	4 1/2	5,173.87	4 1/2	5,533.77	4 1/2	5,893.67	4 1/2	6,253.57	4 1/2	6,613.47
4 3/4	142.72	4 3/4	502.62	4 3/4	1,222.43	4 3/4	1,944.24	4 3/4	2,304.14	4 3/4	2,664.05	4 3/4	3,023.95	4 3/4	3,383.85	4 3/4	3,743.76	4 3/4	4,103.66	4 3/4	4,463.57	4 3/4	4,823.47	4 3/4	5,183.37	4 3/4	5,543.27	4 3/4	5,903.17	4 3/4	6,263.07	4 3/4	6,622.97
5	150.22	5	510.12	5	1,229.93	5	1,949.74	5	2,309.64	5	2,669.54	5	3,029.45	5	3,389.35	5	3,749.26	5	4,109.16	5	4,469.06	5	4,828.97	5	5,188.87	5	5,548.77	5	5,908.67	5	6,268.57	5	6,628.47
5 1/4	157.71	5 1/4	517.62	5 1/4	1,237.43	5 1/4	1,967.23	5 1/4	2,327.14	5 1/4	2,687.04	5 1/4	3,046.95	5 1/4	3,406.85	5 1/4	3,766.75	5 1/4	4,126.66	5 1/4	4,486.56	5 1/4	4,846.47	5 1/4	5,206.37	5 1/4	5,566.27	5 1/4	5,926.17	5 1/4	6,286.07	5 1/4	6,645.97
5 1/2	165.21	5 1/2	525.12	5 1/2	1,244.92	5 1/2	1,984.73	5 1/2	2,346.64	5 1/2	2,706.54	5 1/2	3,066.44	5 1/2	3,426.34	5 1/2	3,786.24	5 1/2	4,146.15	5 1/2	4,506.05	5 1/2	4,865.96	5 1/2	5,225.86	5 1/2	5,585.76	5 1/2	5,945.66	5 1/2	6,305.56	5 1/2	6,665.46
5 3/4	172.71	5 3/4	532.61	5 3/4	1,252.42	5 3/4	1,994.23	5 3/4	2,356.13	5 3/4	2,716.04	5 3/4	3,075.94	5 3/4	3,435.84	5 3/4	3,795.74	5 3/4	4,155.65	5 3/4	4,515.55	5 3/4	4,875.46	5 3/4	5,235.36	5 3/4	5,595.26	5 3/4	5,955.16	5 3/4	6,315.06	5 3/4	6,674.96
6	180.21	6	540.11	6	1,259.92	6	1,999.73	6	2,366.03	6	2,725.93	6	3,085.84	6	3,445.74	6	3,805.64	6	4,165.55	6	4,525.45	6	4,885.35	6	5,245.25	6	5,605.15	6	5,965.05	6	6,324.95	6	6,684.85
6 1/4	187.71	6 1/4	547.61	6 1/4	1,267.42	6 1/4	1,987.23	6 1/4	2,347.13	6 1/4	2,707.03	6 1/4	3,066.94	6 1/4	3,426.84	6 1/4	3,786.75	6 1/4	4,146.65	6 1/4	4,506.55	6 1/4	4,866.46	6 1/4	5,226.36	6 1/4	5,586.26	6 1/4	5,946.16	6 1/4	6,306.06	6 1/4	6,665.96
6 1/2	195.20	6 1/2	555.11	6 1/2	1,274.91	6 1/2	1,994.72	6 1/2	2,356.63	6 1/2	2,716.53	6 1/2	3,076.44	6 1/2	3,436.34	6 1/2	3,796.24	6 1/2	4,156.15	6 1/2	4,516.05	6 1/2	4,875.96	6 1/2	5,235.86	6 1/2	5,595.76	6 1/2	5,955.66	6 1/2	6,315.56	6 1/2	6,675.46
6 3/4	202.70	6 3/4	562.61	6 3/4	1,282.41	6 3/4	1,982.22	6 3/4	2,362.12	6 3/4	2,722.02	6 3/4	3,081.93	6 3/4	3,441.83	6 3/4	3,801.74	6 3/4	4,161.64	6 3/4	4,521.54	6 3/4	4,881.45	6 3/4	5,241.35	6 3/4	5,601.25	6 3/4	5,961.15	6 3/4	6,321.05	6 3/4	6,680.95
7	210.20	7	570.10	7	1,289.91	7	1,989.72	7	2,369.62	7	2,729.52	7	3,089.43	7	3,449.33	7	3,809.24	7	4,169.14														



# BARGE "MPC-646" MARATHON PETROLEUM CORP.

## INNAGE TABLE

## 3 PORT OR STAR

HULL NO. 2169-19

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

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.
0	15.21	358.86	717.46	1,076.07	1,434.68	1,793.29	2,151.90	2,510.50	2,869.11	3,227.72	3,586.33	3,944.94	4,303.55	4,662.16	5,020.77
1/4	19.88	386.33	724.94	1,083.51	1,442.15	1,800.76	2,159.37	2,517.98	2,876.58	3,235.19	3,593.80	3,952.41	4,311.02	4,669.63	5,028.24
1/2	24.55	373.80	732.41	1,091.01	1,449.65	1,808.23	2,166.84	2,525.45	2,884.05	3,242.66	3,601.27	3,959.88	4,318.49	4,677.10	5,035.71
3/4	29.21	381.27	739.88	1,098.49	1,457.09	1,815.70	2,174.31	2,532.92	2,891.53	3,250.13	3,608.74	3,967.35	4,325.96	4,684.57	5,043.18
1	33.88	388.74	747.35	1,105.96	1,464.56	1,823.17	2,181.78	2,540.39	2,899.00	3,257.60	3,616.21	3,974.82	4,333.43	4,692.04	5,050.65
1/4	40.41	396.21	754.82	1,113.43	1,472.04	1,830.64	2,189.25	2,547.86	2,906.47	3,265.08	3,623.69	3,982.30	4,340.91	4,700.52	5,059.13
1/2	46.95	403.68	762.29	1,120.90	1,479.51	1,838.11	2,196.72	2,555.33	2,913.94	3,272.55	3,631.16	3,989.77	4,348.38	4,708.99	5,067.60
3/4	53.48	411.15	769.76	1,128.37	1,486.98	1,845.59	2,204.19	2,562.80	2,921.41	3,280.02	3,638.63	3,997.24	4,356.85	4,716.46	5,075.07
1	60.02	418.62	777.23	1,135.84	1,494.45	1,853.06	2,211.66	2,570.27	2,928.88	3,288.64	3,646.25	3,995.86	4,365.07	4,724.68	5,083.68
1/4	67.49	426.10	784.70	1,143.31	1,501.92	1,860.53	2,219.14	2,577.74	2,936.35	3,296.51	3,653.84	3,995.01	4,373.29	4,733.29	5,091.29
1/2	74.96	433.57	792.17	1,150.78	1,509.39	1,868.00	2,226.61	2,585.21	2,943.82	3,302.43	3,661.05	3,995.01	4,381.90	4,741.90	5,098.90
3/4	82.43	441.04	799.65	1,158.25	1,516.86	1,875.47	2,234.08	2,592.69	2,951.29	3,309.90	3,668.14	3,995.01	4,390.01	4,750.01	5,106.41
1	89.90	448.51	807.12	1,165.72	1,524.33	1,882.94	2,241.55	2,600.16	2,958.76	3,317.37	3,675.22	3,995.01	4,398.12	4,758.12	5,113.92
1/4	97.37	455.98	814.59	1,173.20	1,531.80	1,890.41	2,249.02	2,607.63	2,966.24	3,324.84	3,682.66	3,995.01	4,406.23	4,766.23	5,121.43
1/2	104.84	463.45	822.06	1,180.67	1,539.27	1,897.88	2,256.49	2,615.10	2,973.71	3,332.31	3,689.57	3,995.01	4,414.34	4,774.34	5,128.94
3/4	112.31	470.92	829.53	1,188.14	1,546.75	1,905.35	2,263.96	2,622.57	2,981.15	3,339.79	3,696.48	3,995.01	4,422.45	4,782.45	5,136.45
1	119.78	478.39	837.00	1,195.61	1,554.22	1,912.82	2,271.43	2,629.44	2,988.65	3,347.26	3,703.39	3,995.01	4,430.56	4,790.56	5,143.96
1/4	127.26	485.86	844.47	1,203.08	1,561.69	1,920.30	2,278.90	2,637.51	2,996.12	3,354.73	3,710.32	3,995.01	4,438.67	4,798.67	5,151.47
1/2	134.73	493.33	851.94	1,210.55	1,569.16	1,927.77	2,286.37	2,646.48	3,003.59	3,362.20	3,717.25	3,995.01	4,446.78	4,806.78	5,158.98
3/4	142.20	500.81	859.41	1,218.02	1,576.63	1,935.24	2,294.84	2,655.43	3,010.96	3,369.67	3,724.18	3,995.01	4,454.89	4,814.89	5,166.49
1	149.67	508.28	866.88	1,225.49	1,584.10	1,942.71	2,302.32	2,664.48	3,018.53	3,377.14	3,731.11	3,995.01	4,462.99	4,822.99	5,174.00
1/4	157.14	515.75	874.36	1,232.96	1,591.57	1,950.18	2,309.79	2,673.53	3,026.00	3,384.61	3,738.08	3,995.01	4,471.10	4,830.10	5,181.51
1/2	164.61	523.22	881.83	1,240.43	1,599.04	1,957.65	2,316.26	2,682.58	3,033.47	3,391.58	3,745.05	3,995.01	4,479.21	4,838.21	5,189.02
3/4	172.08	530.69	889.30	1,247.91	1,606.51	1,965.12	2,323.73	2,691.63	3,040.95	3,398.55	3,752.02	3,995.01	4,487.32	4,846.32	5,196.53
1	179.55	538.16	896.77	1,255.38	1,613.98	1,972.59	2,331.20	2,700.68	3,048.42	3,405.52	3,759.00	3,995.01	4,495.43	4,854.43	5,204.04
1/4	187.02	545.63	904.24	1,262.85	1,621.46	1,980.06	2,338.67	2,709.73	3,055.89	3,412.49	3,766.00	3,995.01	4,503.54	4,862.54	5,211.55
1/2	194.49	553.10	911.71	1,270.32	1,628.93	1,987.53	2,346.14	2,718.78	3,063.36	3,419.46	3,773.00	3,995.01	4,511.65	4,870.65	5,219.06
3/4	201.97	560.57	919.18	1,277.79	1,636.40	1,995.01	2,353.61	2,727.83	3,070.83	3,426.43	3,780.00	3,995.01	4,519.76	4,878.76	5,226.57
1	209.44	568.04	926.65	1,285.26	1,643.87	2,002.48	2,361.08	2,736.88	3,078.30	3,433.40	3,787.00	3,995.01	4,527.87	4,886.87	5,234.08
1/4	216.91	575.52	934.12	1,292.73	1,651.34	2,009.95	2,368.56	2,745.93	3,085.77	3,440.37	3,794.00	3,995.01	4,535.98	4,894.98	5,241.59
1/2	224.38	582.99	941.59	1,300.20	1,658.81	2,017.42	2,376.03	2,755.00	3,093.24	3,447.34	3,801.00	3,995.01	4,544.09	4,903.09	5,249.10
3/4	231.85	590.46	949.07	1,307.67	1,666.28	2,024.89	2,383.50	2,763.05	3,100.71	3,454.31	3,808.00	3,995.01	4,552.20	4,911.20	5,256.61
1	239.32	597.93	956.54	1,315.14	1,673.75	2,032.36	2,390.97	2,771.10	3,108.18	3,461.28	3,815.00	3,995.01	4,560.31	4,919.31	5,264.12
1/4	246.79	605.40	964.01	1,322.61	1,681.22	2,039.83	2,398.44	2,779.15	3,115.66	3,468.25	3,822.00	3,995.01	4,568.42	4,927.42	5,271.63
1/2	254.26	612.87	971.48	1,330.09	1,688.69	2,047.30	2,405.91	2,787.16	3,123.13	3,475.22	3,829.00	3,995.01	4,576.53	4,935.53	5,279.14
3/4	261.73	620.34	978.95	1,337.56	1,696.17	2,054.77	2,413.38	2,795.15	3,130.60	3,482.19	3,836.00	3,995.01	4,584.64	4,943.64	5,286.65
1	269.20	627.81	986.42	1,345.03	1,703.64	2,062.24	2,421.85	2,803.14	3,138.07	3,489.16	3,843.00	3,995.01	4,592.75	4,951.75	5,294.16
1/4	276.68	635.28	993.89	1,352.50	1,711.11	2,069.72	2,429.32	2,811.13	3,145.54	3,496.13	3,850.00	3,995.01	4,600.86	4,959.86	5,301.67
1/2	284.15	642.75	1,001.36	1,359.97	1,718.58	2,077.19	2,437.79	2,819.12	3,153.01	3,503.10	3,857.00	3,995.01	4,608.97	4,967.97	5,309.18
3/4	291.62	650.23	1,008.83	1,367.44	1,726.05	2,084.66	2,446.27	2,827.11	3,160.48	3,510.07	3,864.00	3,995.01	4,617.08	4,976.08	5,316.69
1	299.09	657.70	1,016.30	1,374.91	1,733.52	2,092.13	2,454.74	2,835.10	3,167.95	3,517.04	3,871.00	3,995.01	4,625.19	4,984.19	5,324.20
1/4	306.56	665.17	1,023.78	1,382.38	1,740.99	2,099.60	2,462.21	2,845.09	3,175.42	3,524.01	3,878.00	3,995.01	4,633.30	4,992.30	5,331.71
1/2	314.03	672.64	1,031.25	1,389.85	1,748.46	2,107.07	2,470.68	2,854.29	3,182.89	3,531.00	3,885.00	3,995.01	4,641.41	4,999.41	5,339.22
3/4	321.50	680.11	1,038.72	1,397.33	1,755.93	2,114.54	2,479.15	2,863.28	3,190.37	3,538.00	3,891.00	3,995.01	4,649.52	5,006.52	5,346.73
1	328.97	687.58	1,046.19	1,404.80	1,763.40	2,122.01	2,487.62	2,872.27	3,197.84	3,545.00	3,900.00	3,995.01	4,657.63	5,014.03	5,354.24
1/4	336.44	695.05	1,053.66	1,412.27	1,770.88	2,129.48	2,495.09	2,881.26	3,205.31	3,552.00	3,907.00	3,995.01	4,665.74	5,021.54	5,361.75
1/2	343.91	702.52	1,061.13	1,419.74	1,778.35	2,136.95	2,502.56	2,890.75	3,212.78	3,559.00	3,914.00	3,995.01	4,673.85	5,029.05	5,369.26
3/4	351.39	709.99	1,068.60	1,427.21	1,785.82	2,144.43	2,510.03	2,900.24	3,220.25	3,566.00	3,921.00	3,995.01	4,681.96	5,036.56	5,376.77

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

STRAPPED: 9/15/08

\* CAPACITY BELOW STRIKE POINT.

PORT REFERENCE GAUGE HEIGHT: 15'-6" (RIM OF 2" DIAMETER BALL VALVE LOCATED NEAR CENTER OF TANK)

STAR REFERENCE GAUGE HEIGHT: 15'-6 3/4" (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. Chapman*  
INSPECTORATE AMERICA CORPORATION