



BARGE "MPC-638"
MARATHON PETROLEUM CORP.
INNAGE TABLE

1 PORT OR STAR

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

HULL NO. 2169-11

		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	O 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	15.36	0	326.19	0	680.23	0	1,038.89	0	1,397.54	0	1,756.20	0	2,114.86	0	2,473.51	0	2,832.17	0	3,190.82	0	3,549.48	0	3,908.14	0	4,266.79	0	4,625.45	0	4,984.10
*	16.35	1/4	333.35	1/4	687.70	1/4	1,046.36	1/4	1,405.02	1/4	1,763.67	1/4	2,122.33	1/4	2,480.98	1/4	2,839.64	1/4	3,198.30	1/4	3,556.95	1/4	3,915.61	1/4	4,274.26	1/4	4,632.92	1/4	4,991.58
1/2	23.78	1/2	340.50	1/2	695.18	1/2	1,053.83	1/2	1,412.49	1/2	1,771.14	1/2	2,129.80	1/2	2,488.46	1/2	2,847.11	1/2	3,205.77	1/2	3,564.42	1/2	3,923.08	1/2	4,281.74	1/2	4,640.39	1/2	4,999.05
3/4	27.99	3/4	347.66	3/4	702.65	3/4	1,061.30	3/4	1,419.96	3/4	1,778.62	3/4	2,137.27	3/4	2,496.93	3/4	2,855.58	3/4	3,213.24	3/4	3,571.90	3/4	3,930.55	3/4	4,289.21	3/4	4,647.86	3/4	5,006.52
1	32.20	1	354.81	1	710.12	1	1,068.78	1	1,427.43	1	1,786.09	1	2,144.74	1	2,503.40	1	2,862.06	1	3,220.71	1	3,579.37	1	3,938.02	1	4,296.68	1	4,655.34	1	5,013.99
1/4	37.88	1/4	361.97	1/4	717.59	1/4	1,073.25	1/4	1,431.97	1/4	1,790.33	1/4	2,148.98	1/4	2,507.64	1/4	2,866.30	1/4	3,224.96	1/4	3,583.62	1/4	3,942.28	1/4	4,300.94	1/4	4,659.60	1/4	5,018.26
1/2	43.55	1/2	369.12	1/2	725.06	1/2	1,083.72	1/2	1,442.38	1/2	1,801.03	1/2	2,159.69	1/2	2,518.35	1/2	2,877.00	1/2	3,235.66	1/2	3,594.31	1/2	3,952.97	1/2	4,311.62	1/2	4,670.28	1/2	5,027.94
3/4	49.23	3/4	376.28	3/4	732.54	3/4	1,091.19	3/4	1,449.85	3/4	1,808.50	3/4	2,167.16	3/4	2,525.82	3/4	2,884.47	3/4	3,243.13	3/4	3,601.78	3/4	3,960.44	3/4	4,319.10	3/4	4,677.75	3/4	5,034.52
2	54.90	2	383.43	2	740.01	2	1,098.66	2	1,457.32	2	1,815.98	2	2,174.63	2	2,533.29	2	2,891.94	2	3,250.60	2	3,609.26	2	3,967.91	2	4,326.57	2	4,685.22	2	5,043.37
1/4	61.44	1/4	390.71	1/4	747.48	1/4	1,106.14	1/4	1,464.79	1/4	1,823.45	1/4	2,182.10	1/4	2,540.76	1/4	2,899.42	1/4	3,258.07	1/4	3,616.73	1/4	3,975.38	1/4	4,334.04	1/4	4,692.70	1/4	5,049.86
1/2	67.97	1/2	397.99	1/2	754.95	1/2	1,113.61	1/2	1,472.26	1/2	1,830.92	1/2	2,189.58	1/2	2,548.23	1/2	2,906.89	1/2	3,265.54	1/2	3,624.20	1/2	3,982.86	1/2	4,341.51	1/2	4,700.17	1/2	5,057.82
3/4	74.50	3/4	405.27	3/4	762.42	3/4	1,121.08	3/4	1,479.74	3/4	1,838.39	3/4	2,197.05	3/4	2,555.70	3/4	2,914.36	3/4	3,273.02	3/4	3,631.67	3/4	3,990.33	3/4	4,348.98	3/4	4,707.64	3/4	5,064.30
3	81.04	3	412.55	3	769.90	3	1,128.55	3	1,487.21	3	1,845.86	3	2,204.52	3	2,563.18	3	2,921.83	3	3,280.49	3	3,639.14	3	3,997.80	3	4,356.46	3	4,715.11	3	5,073.77
1/4	87.57	1/4	419.83	1/4	777.37	1/4	1,136.02	1/4	1,494.68	1/4	1,853.34	1/4	2,211.99	1/4	2,570.65	1/4	2,929.30	1/4	3,287.96	1/4	3,646.62	1/4	4,005.27	1/4	4,363.93	1/4	4,722.58	1/4	5,081.19
1/2	94.10	1/2	427.11	1/2	784.84	1/2	1,143.50	1/2	1,502.15	1/2	1,860.81	1/2	2,219.46	1/2	2,578.12	1/2	2,936.78	1/2	3,295.43	1/2	3,654.09	1/2	4,012.74	1/2	4,371.40	1/2	4,730.06	1/2	5,088.67
3/4	100.64	3/4	434.39	3/4	792.31	3/4	1,150.97	3/4	1,509.62	3/4	1,868.28	3/4	2,226.94	3/4	2,585.59	3/4	2,944.25	3/4	3,302.90	3/4	3,661.56	3/4	4,020.22	3/4	4,378.87	3/4	4,737.53	3/4	5,095.14
4	107.17	4	441.67	4	799.78	4	1,158.44	4	1,517.10	4	1,875.75	4	2,234.41	4	2,593.06	4	2,951.72	4	3,310.38	4	3,669.03	4	4,027.69	4	4,386.34	4	4,745.00	4	5,103.66
1/4	113.83	1/4	449.08	1/4	807.26	1/4	1,165.91	1/4	1,524.57	1/4	1,883.22	1/4	2,241.88	1/4	2,600.54	1/4	2,959.19	1/4	3,317.85	1/4	3,676.50	1/4	4,034.16	1/4	4,392.81	1/4	4,751.47	1/4	5,109.13
1/2	120.48	1/2	456.48	1/2	814.73	1/2	1,173.38	1/2	1,532.04	1/2	1,890.70	1/2	2,249.35	1/2	2,608.01	1/2	2,966.66	1/2	3,325.32	1/2	3,684.98	1/2	4,042.63	1/2	4,401.29	1/2	4,759.94	1/2	5,084.19
3/4	127.14	3/4	463.88	3/4	822.20	3/4	1,180.86	3/4	1,539.51	3/4	1,898.17	3/4	2,256.82	3/4	2,615.48	3/4	2,974.14	3/4	3,332.79	3/4	3,691.45	3/4	4,050.10	3/4	4,408.76	3/4	4,767.42	3/4	5,090.53
5	133.80	5	471.29	5	829.67	5	1,188.33	5	1,546.98	5	1,905.64	5	2,264.30	5	2,622.95	5	2,981.61	5	3,340.26	5	3,699.92	5	4,057.58	5	4,416.23	5	4,774.89	5	5,093.64
1/4	140.46	1/4	478.69	1/4	837.14	1/4	1,195.80	1/4	1,554.46	1/4	1,913.11	1/4	2,271.77	1/4	2,630.42	1/4	2,989.08	1/4	3,347.74	1/4	3,706.39	1/4	4,065.05	1/4	4,423.70	1/4	4,782.36	1/4	5,095.50
1/2	147.12	1/2	486.10	1/2	844.92	1/2	1,203.27	1/2	1,561.93	1/2	1,920.58	1/2	2,279.24	1/2	2,637.90	1/2	2,996.55	1/2	3,355.21	1/2	3,713.86	1/2	4,072.52	1/2	4,431.18	1/2	4,789.83	1/2	5,097.37
3/4	153.77	3/4	493.50	3/4	852.20	3/4	1,210.74	3/4	1,569.49	3/4	1,928.06	3/4	2,286.71	3/4	2,645.37	3/4	3,004.02	3/4	3,362.68	3/4	3,721.34	3/4	4,079.99	3/4	4,439.10	3/4	4,797.30	3/4	5,099.24
6	160.43	6	500.50	6	859.56	6	1,218.22	6	1,576.87	6	1,935.53	6	2,294.36	6	2,652.95	6	3,011.50	6	3,370.15	6	3,728.81	6	4,087.46	6	4,446.12	6	4,804.78	6	5,101.10
1/4	167.21	1/4	508.38	1/4	867.03	1/4	1,226.69	1/4	1,584.34	1/4	1,943.00	1/4	2,301.66	1/4	2,660.31	1/4	3,016.97	1/4	3,375.62	1/4	3,734.28	1/4	4,092.94	1/4	4,451.60	1/4	4,810.26	1/4	5,107.35
1/2	174.00	1/2	515.85	1/2	874.50	1/2	1,233.16	1/2	1,591.82	1/2	1,950.47	1/2	2,308.13	1/2	2,667.78	1/2	3,026.44	1/2	3,385.10	1/2	3,743.75	1/2	4,102.41	1/2	4,461.06	1/2	4,819.72	1/2	5,102.35
3/4	180.78	3/4	523.32	3/4	881.98	3/4	1,240.63	3/4	1,599.29	3/4	1,957.94	3/4	2,316.60	3/4	2,675.26	3/4	3,033.91	3/4	3,392.57	3/4	3,751.22	3/4	4,109.88	3/4	4,468.54	3/4	4,827.19	3/4	5,103.99
7	187.56	7	530.79	7	889.45	7	1,248.10	7	1,606.76	7	1,965.42	7	2,324.07	7	2,682.73	7	3,041.38	7	3,400.04	7	3,758.70	7	4,117.35	7	4,476.01	7	4,834.66	7	5,193.32
1/4	194.34	1/4	538.26	1/4	896.92	1/4	1,255.58	1/4	1,614.23	1/4	1,972.89	1/4	2,331.54	1/4	2,690.20	1/4	3,048.86	1/4	3,407.51	1/4	3,766.17	1/4	4,124.82	1/4	4,483.48	1/4	4,842.14	1/4	5,199.80
1/2	201.12	1/2	545.74	1/2	904.39	1/2	1,263.05	1/2	1,621.70	1/2	1,980.36	1/2	2,339.02	1/2	2,697.56	1/2	3,056.33	1/2	3,414.98	1/2	3,773.64	1/2	4,132.30	1/2	4,490.95	1/2	4,849.61	1/2	5,205.86
3/4	207.91	3/4	553.21	3/4	911.86	3/4	1,270.52	3/4	1,629.18	3/4	1,987.83	3/4	2,346.49	3/4	2,705.14	3/4	3,063.80	3/4	3,422.46	3/4	3,781.11	3/4	4,139.77	3/4	4,498.42	3/4	4,857.08	3/4	5,211.92
8	214.69	8	560.68	8	919.34	8	1,277.99	8	1,636.65.																				



BARGE "MPC-638"
MARATHON PETROLEUM CORP.

INNAGE 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.	
N	O	N	O	N	O	N	O	N	O	N	O	N	O	N	O	N	O	N	O	N	O	N	O	N	O	N	O	N	O
0	*	0		0		0		0		0		0		0		0		0		0		0		0		0		0	
1/4	15.27	1/4	360.08	1/4	719.89	1/4	1,079.70	1/4	1,439.50	1/4	1,799.31	1/4	2,159.12	1/4	2,518.93	1/4	2,878.74	1/4	3,238.54	1/4	3,598.35	1/4	3,958.16	1/4	4,317.97	1/4	4,677.78	1/4	5,037.58
1/2	19.96	1/2	367.58	1/2	727.38	1/2	1,087.19	1/2	1,447.00	1/2	1,806.81	1/2	2,166.62	1/2	2,526.42	1/2	2,886.23	1/2	3,246.04	1/2	3,605.85	1/2	3,965.66	1/2	4,325.46	1/2	4,685.27	1/2	5,045.08
3/4	24.64	3/4	375.07	3/4	734.88	3/4	1,094.69	3/4	1,454.50	3/4	1,814.30	3/4	2,174.11	3/4	2,533.92	3/4	2,893.73	3/4	3,253.54	3/4	3,613.34	3/4	3,973.15	3/4	4,332.96	3/4	4,692.77	3/4	5,052.58
0	29.32	0	382.57	0	742.38	0	1,102.18	0	1,461.99	0	1,821.80	0	2,181.61	0	2,541.42	0	2,901.22	0	3,261.03	0	3,620.84	0	3,980.65	0	4,340.46	0	4,700.26	0	5,060.07
1/4	34.01	1/4	390.06	1/4	749.87	1/4	1,109.68	1/4	1,469.49	1/4	1,829.30	1/4	2,189.10	1/4	2,548.91	1/4	2,908.72	1/4	3,268.53	1/4	3,628.34	1/4	3,988.14	1/4	4,347.95	1/4	4,707.76	1/4	5,067.57
1/2	40.57	1/2	397.56	1/2	757.37	1/2	1,117.18	1/2	1,476.98	1/2	1,836.79	1/2	2,196.60	1/2	2,556.41	1/2	2,916.22	1/2	3,276.02	1/2	3,635.83	1/2	3,995.64	1/2	4,355.45	1/2	4,715.26	1/2	5,074.44
3/4	47.12	3/4	405.06	3/4	764.86	3/4	1,124.67	3/4	1,484.48	3/4	1,844.29	3/4	2,204.10	3/4	2,563.90	3/4	2,923.71	3/4	3,283.52	3/4	3,643.33	3/4	4,003.14	3/4	4,362.94	3/4	4,722.75	3/4	5,081.31
0	53.68	0	412.55	0	772.36	0	1,132.17	0	1,491.98	0	1,851.78	0	2,211.59	0	2,571.40	0	2,931.21	0	3,291.02	0	3,650.82	0	4,010.63	0	4,370.44	0	4,730.25	0	5,088.18
1/4	60.24	1/4	420.05	1/4	779.86	1/4	1,139.66	1/4	1,499.47	1/4	1,859.28	1/4	2,219.09	1/4	2,578.90	1/4	2,938.70	1/4	3,298.51	1/4	3,658.32	1/4	4,018.13	1/4	4,377.94	1/4	4,737.74	1/4	5,096.05
1/2	67.74	1/2	427.54	1/2	787.35	1/2	1,147.16	1/2	1,506.97	1/2	1,866.78	1/2	2,226.58	1/2	2,586.39	1/2	2,946.20	1/2	3,306.01	1/2	3,665.82	1/2	4,025.62	1/2	4,385.43	1/2	4,745.24	1/2	5,104.67
3/4	75.23	3/4	435.04	3/4	794.85	3/4	1,154.66	3/4	1,514.46	3/4	1,874.27	3/4	2,234.08	3/4	2,593.89	3/4	2,953.70	3/4	3,313.50	3/4	3,673.30	3/4	4,033.12	3/4	4,392.93	3/4	4,752.74	3/4	5,112.28
0	82.73	0	442.54	0	802.34	0	1,162.15	0	1,521.96	0	1,881.77	0	2,241.58	0	2,601.38	0	2,961.19	0	3,321.00	0	3,680.81	0	4,040.62	0	4,400.42	0	4,760.23	0	5,119.91
1/4	90.22	1/4	450.03	1/4	809.84	1/4	1,169.65	1/4	1,529.46	1/4	1,889.26	1/4	2,249.07	1/4	2,608.88	1/4	2,968.69	1/4	3,328.50	1/4	3,688.30	1/4	4,048.11	1/4	4,407.92	1/4	4,767.73	1/4	5,117.53
1/2	97.72	1/2	457.53	1/2	817.34	1/2	1,177.14	1/2	1,536.95	1/2	1,896.76	1/2	2,256.57	1/2	2,616.38	1/2	2,976.18	1/2	3,335.99	1/2	3,695.80	1/2	4,055.61	1/2	4,415.42	1/2	4,775.22	1/2	5,121.90
3/4	105.22	3/4	465.02	3/4	824.83	3/4	1,184.64	3/4	1,544.45	3/4	1,904.26	3/4	2,264.06	3/4	2,623.87	3/4	2,983.68	3/4	3,343.49	3/4	3,703.30	3/4	4,063.10	3/4	4,422.91	3/4	4,782.72	3/4	5,128.28
0	112.71	0	472.52	0	832.33	0	1,192.14	0	1,551.94	0	1,911.75	0	2,271.56	0	2,631.37	0	2,991.18	0	3,350.98	0	3,710.79	0	4,070.60	0	4,430.41	0	4,790.22	0	5,130.65
1/4	120.21	1/4	480.02	1/4	839.82	1/4	1,199.63	1/4	1,559.44	1/4	1,919.25	1/4	2,279.05	1/4	2,638.86	1/4	2,998.67	1/4	3,358.48	1/4	3,718.29	1/4	4,078.10	1/4	4,437.90	1/4	4,797.71	1/4	5,138.02
1/2	127.70	1/2	487.51	1/2	847.32	1/2	1,207.13	1/2	1,566.94	1/2	1,926.74	1/2	2,286.55	1/2	2,646.36	1/2	2,976.18	1/2	3,365.98	1/2	3,725.78	1/2	4,085.59	1/2	4,445.40	1/2	4,805.21	1/2	5,148.34
3/4	135.20	3/4	495.01	3/4	854.82	3/4	1,214.62	3/4	1,574.43	3/4	1,934.24	3/4	2,294.05	3/4	2,653.86	3/4	3,013.66	3/4	3,373.47	3/4	3,733.28	3/4	4,093.09	3/4	4,452.90	3/4	4,812.70	3/4	5,141.27
0	142.70	0	502.50	0	862.31	0	1,222.12	0	1,581.93	0	1,941.74	0	2,301.54	0	2,661.35	0	3,021.16	0	3,380.97	0	3,740.78	0	4,100.58	0	4,460.39	0	4,820.20	0	5,144.39
1/4	150.19	1/4	510.00	1/4	869.81	1/4	1,229.62	1/4	1,589.42	1/4	1,949.23	1/4	2,309.04	1/4	2,668.85	1/4	3,028.66	1/4	3,388.46	1/4	3,748.27	1/4	4,108.08	1/4	4,467.89	1/4	4,827.70	1/4	5,147.51
1/2	157.69	1/2	517.50	1/2	877.30	1/2	1,237.11	1/2	1,596.92	1/2	1,966.73	1/2	2,326.54	1/2	2,686.34	1/2	3,005.15	1/2	3,395.96	1/2	3,755.77	1/2	4,115.58	1/2	4,475.38	1/2	4,835.19	1/2	5,149.39
3/4	165.18	3/4	524.99	3/4	884.80	3/4	1,244.61	3/4	1,604.42	3/4	1,974.22	3/4	2,334.02	3/4	2,693.84	3/4	3,014.14	3/4	3,403.46	3/4	3,763.26	3/4	4,123.07	3/4	4,482.88	3/4	4,842.69	3/4	5,151.26
0	172.68	0	539.98	0	892.30	0	1,252.10	0	1,611.91	0	1,971.72	0	2,331.53	0	2,691.34	0	3,051.14	0	3,440.95	0	3,770.76	0	4,130.57	0	4,490.38	0	4,850.18	0	5,153.13
1/4	180.18	1/4	547.48	1/4	907.29	1/4	1,267.10	1/4	1,626.90	1/4	1,986.71	1/4	2,346.52	1/4	2,706.33	1/4	3,066.14	1/4	3,425.94	1/4	3,785.75	1/4	4,138.06	1/4	4,497.87	1/4	4,857.68	1/4	5,155.01
1/2	185.18	1/2	554.98	1/2	914.78	1/2	1,274.59	1/2	1,634.40	1/2	1,994.21	1/2	2,354.02	1/2	2,713.82	1/2	3,073.63	1/2	3,433.44	1/2	3,793.25	1/2	4,153.06	1/2	4,512.86	1/2	4,872.67	1/2	5,156.26
3/4	192.66	3/4	562.47	3/4	922.28	3/4	1,282.09	3/4	1,641.90	3/4	2,001.70	3/4	2,361.51	3/4	2,721.32	3/4	3,081.13	3/4	3,440.94	3/4	3,800.74	3/4	4,160.55	3/4	4,520.36	3/4	4,880.17	3/4	5,158.88
0	210.16	0	569.97	0	929.78	0	1,289.58	0	1,649.39	0	2,009.20	0	2,369.01	0	2,728.81	0	3,088.62	0	3,448.43	0	3,808.24	0	4,168.05	0	4,527.86	0	4,887.66	0	5,159.51
1/4	217.66	1/4	577.46	1/4	937.27	1/4	1,297.08	1/4	1,656.89	1/4	2,016.70	1/4	2,376.50	1/4	2,736.31	1/4	3,096.12	1/4	3,455.93	1/4	3,815.74	1/4	4,175.54	1/4	4,535.35	1/4	4,895.16	1/4	5,160.97
1/2	225.15	1/2	584.96	1/2	944.77	1/2	1,304.58	1/2	1,664.38	1/2	2,024.19	1/2	2,384.00	1/2	2,743.81	1/2	3,103.62	1/2	3,463.42	1/2	3,823.23	1/2	4,183.04	1/2	4,542.85	1/2	4,902.66	1/2	5,162.18
3/4	232.65	3/4	592.46	3/4	952.26	3/4	1,312.07	3/4	1,671.88	3/4	2,031.69	3/4	2,391.50	3/4	2,751.30	3/4	3,111.11	3/4	3,470.92	3/4	3,830.73	3/4	4,190.54	3/4	4,550.34	3/4	4,910.15	3/4	5,164.39
0	240.14	0	599.95	0	959.76	0	1,319.57	0	1,679.38	0	2,039.18	0	2,398.99	0	2,758.80	0	3,118.61	0	3,478.42	0	3,838.22	0	4,198.03	0	4,557.84	0	4,917.65	0	



BARGE "MPC-638"
MARATHON PETROLEUM CORP.

INNAGE TABLE

3 PORT OR STAR

BARGE SHOULD BE ON EVEN LEVEL KEEL WHEN GAUGES ARE TAKEN																												HULL NO. 2169-11																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		