



BARGE "MPC-628" MARATHON PETROLEUM CORP.

OUTAGE TABLE

1 PORT OR STAR

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

HULL NO. 2169-1

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.	
0	0	5,096.34	0	4,827.70	0	4,469.62	0	4,111.54	0	3,753.46	0	3,395.38	0	3,037.30	0	2,679.22	0	2,321.14	0	1,963.06	0	1,604.98	0	1,246.90	0	888.82	0	530.74	0	187.56	
1/4	1/4	5,095.72	1/4	4,820.24	1/4	4,462.16	1/4	4,104.08	1/4	3,746.00	1/4	3,387.92	1/4	3,029.84	1/4	2,671.76	1/4	2,313.68	1/4	1,955.60	1/4	1,597.52	1/4	1,239.44	1/4	881.36	1/4	523.28	1/4	180.78	
1/2	1/2	5,095.10	1/2	4,812.78	1/2	4,454.70	1/2	4,096.62	1/2	3,738.54	1/2	3,380.46	1/2	3,022.38	1/2	2,664.30	1/2	2,306.22	1/2	1,948.14	1/2	1,590.06	1/2	1,231.98	1/2	873.90	1/2	515.82	1/2	174.00	
3/4	3/4	5,094.48	3/4	4,805.32	3/4	4,447.24	3/4	4,089.16	3/4	3,731.08	3/4	3,373.00	3/4	3,014.92	3/4	2,656.84	3/4	2,298.76	3/4	1,940.68	3/4	1,582.60	3/4	1,224.52	3/4	866.44	3/4	508.36	3/4	167.21	
1	1	5,093.86	1	4,797.86	1	4,439.78	1	4,081.70	1	3,723.62	1	3,365.54	1	3,007.46	1	2,649.38	1	2,291.30	1	1,933.22	1	1,575.14	1	1,217.06	1	858.98	1	500.90	1	160.43	
1/4	1/4	5,091.99	1/4	4,790.40	1/4	4,432.32	1/4	4,074.24	1/4	3,716.16	1/4	3,358.08	1/4	3,000.00	1/4	2,641.92	1/4	2,283.84	1/4	1,925.76	1/4	1,567.68	1/4	1,209.60	1/4	851.52	1/4	493.50	1/4	153.77	
1/2	1/2	5,090.12	1/2	4,782.94	1/2	4,424.86	1/2	4,066.78	1/2	3,708.70	1/2	3,350.62	1/2	2,992.54	1/2	2,634.46	1/2	2,276.38	1/2	1,918.30	1/2	1,560.22	1/2	1,202.14	1/2	844.06	1/2	486.10	1/2	147.12	
3/4	3/4	5,088.26	3/4	4,775.48	3/4	4,417.40	3/4	4,059.32	3/4	3,701.24	3/4	3,343.16	3/4	2,985.08	3/4	2,627.00	3/4	2,268.92	3/4	1,910.84	3/4	1,552.76	3/4	1,194.68	3/4	836.60	3/4	478.69	3/4	140.46	
2	2	5,086.39	2	4,768.02	2	4,409.94	2	4,051.86	2	3,693.78	2	3,335.70	2	2,977.62	2	2,619.54	2	2,261.46	2	1,903.38	2	1,545.30	2	1,187.22	2	829.14	2	471.29	2	133.80	
1/4	1/4	5,083.28	1/4	4,760.56	1/4	4,402.48	1/4	4,044.40	1/4	3,686.32	1/4	3,328.24	1/4	2,970.16	1/4	2,612.08	1/4	2,254.00	1/4	1,895.92	1/4	1,537.84	1/4	1,179.76	1/4	821.68	1/4	463.88	1/4	127.14	
1/2	1/2	5,080.17	1/2	4,753.10	1/2	4,395.02	1/2	4,036.94	1/2	3,678.86	1/2	3,320.78	1/2	2,962.70	1/2	2,604.62	1/2	2,246.54	1/2	1,888.46	1/2	1,530.38	1/2	1,172.30	1/2	814.22	1/2	456.48	1/2	120.48	
3/4	3/4	5,077.06	3/4	4,745.64	3/4	4,387.56	3/4	4,029.48	3/4	3,671.40	3/4	3,313.32	3/4	2,955.24	3/4	2,597.16	3/4	2,239.08	3/4	1,881.00	3/4	1,522.92	3/4	1,164.84	3/4	806.76	3/4	449.08	3/4	113.83	
3	3	5,073.94	3	4,738.18	3	4,380.10	3	4,022.02	3	3,663.94	3	3,305.86	3	2,947.78	3	2,589.70	3	2,231.62	3	1,873.54	3	1,515.46	3	1,157.38	3	799.30	3	441.67	3	107.17	
1/4	1/4	5,069.59	1/4	4,730.72	1/4	4,372.64	1/4	4,014.56	1/4	3,656.48	1/4	3,298.40	1/4	2,940.32	1/4	2,582.24	1/4	2,224.16	1/4	1,866.08	1/4	1,508.00	1/4	1,149.92	1/4	791.84	1/4	434.39	1/4	100.63	
1/2	1/2	5,065.23	1/2	4,723.26	1/2	4,365.18	1/2	4,007.10	1/2	3,649.02	1/2	3,290.94	1/2	2,932.86	1/2	2,574.78	1/2	2,216.70	1/2	1,858.62	1/2	1,500.54	1/2	1,142.46	1/2	784.38	1/2	427.11	1/2	94.10	
3/4	3/4	5,060.88	3/4	4,715.80	3/4	4,357.72	3/4	3,999.64	3/4	3,641.56	3/4	3,283.48	3/4	2,925.40	3/4	2,567.32	3/4	2,209.24	3/4	1,851.16	3/4	1,493.08	3/4	1,135.00	3/4	776.92	3/4	419.83	3/4	87.57	
4	4	5,056.52	4	4,708.34	4	4,350.26	4	3,992.18	4	3,634.10	4	3,276.02	4	2,917.94	4	2,559.86	4	2,201.78	4	1,843.70	4	1,485.62	4	1,127.54	4	769.46	4	412.55	4	81.04	
1/4	1/4	5,050.92	1/4	4,700.88	1/4	4,342.80	1/4	3,984.72	1/4	3,626.64	1/4	3,268.56	1/4	2,910.48	1/4	2,552.40	1/4	2,194.32	1/4	1,836.24	1/4	1,478.16	1/4	1,120.08	1/4	762.00	1/4	405.27	1/4	74.50	
1/2	1/2	5,045.32	1/2	4,693.42	1/2	4,335.34	1/2	3,977.26	1/2	3,619.18	1/2	3,261.10	1/2	2,903.02	1/2	2,544.94	1/2	2,186.86	1/2	1,828.78	1/2	1,470.70	1/2	1,112.62	1/2	754.54	1/2	397.99	1/2	67.97	
3/4	3/4	5,039.72	3/4	4,685.96	3/4	4,327.88	3/4	3,969.80	3/4	3,611.72	3/4	3,253.64	3/4	2,895.56	3/4	2,537.48	3/4	2,179.40	3/4	1,821.32	3/4	1,463.24	3/4	1,105.16	3/4	747.08	3/4	390.71	3/4	61.44	
5	5	5,034.12	5	4,678.50	5	4,320.42	5	3,962.34	5	3,604.26	5	3,246.18	5	2,888.10	5	2,530.02	5	2,171.94	5	1,813.86	5	1,455.78	5	1,097.70	5	739.62	5	383.43	5	54.90	
1/4	1/4	5,027.28	1/4	4,671.04	1/4	4,312.96	1/4	3,954.88	1/4	3,596.80	1/4	3,238.72	1/4	2,880.64	1/4	2,522.56	1/4	2,164.48	1/4	1,806.40	1/4	1,448.32	1/4	1,090.24	1/4	732.16	1/4	376.28	1/4	49.23	
1/2	1/2	5,020.43	1/2	4,663.58	1/2	4,305.50	1/2	3,947.42	1/2	3,589.34	1/2	3,231.26	1/2	2,873.18	1/2	2,515.10	1/2	2,157.02	1/2	1,798.94	1/2	1,440.86	1/2	1,082.78	1/2	724.70	1/2	369.12	1/2	43.55	
3/4	3/4	5,013.59	3/4	4,656.12	3/4	4,298.04	3/4	3,939.96	3/4	3,581.88	3/4	3,223.80	3/4	2,865.72	3/4	2,507.64	3/4	2,149.56	3/4	1,791.48	3/4	1,433.40	3/4	1,075.32	3/4	717.24	3/4	361.97	3/4	37.88	
6	6	5,006.74	6	4,648.66	6	4,290.58	6	3,932.50	6	3,574.42	6	3,216.34	6	2,858.26	6	2,500.18	6	2,142.10	6	1,784.02	6	1,425.94	6	1,067.86	6	709.78	6	354.81	6	32.20	
1/4	1/4	4,999.28	1/4	4,641.20	1/4	4,283.12	1/4	3,925.04	1/4	3,566.96	1/4	3,208.88	1/4	2,850.80	1/4	2,492.72	1/4	2,134.64	1/4	1,776.56	1/4	1,418.48	1/4	1,060.40	1/4	702.32	1/4	347.66	1/4	27.99	
1/2	1/2	4,991.82	1/2	4,633.74	1/2	4,275.66	1/2	3,917.58	1/2	3,559.50	1/2	3,201.42	1/2	2,843.34	1/2	2,485.26	1/2	2,127.18	1/2	1,769.10	1/2	1,411.02	1/2	1,052.94	1/2	694.86	1/2	340.50	1/2	23.78	
3/4	3/4	4,984.36	3/4	4,626.28	3/4	4,268.20	3/4	3,910.12	3/4	3,552.04	3/4	3,193.96	3/4	2,835.88	3/4	2,477.80	3/4	2,119.72	3/4	1,761.64	3/4	1,403.56	3/4	1,045.48	3/4	687.40	3/4	333.35	3/4	19.57	
7	7	4,976.90	7	4,618.82	7	4,260.74	7	3,902.66	7	3,544.58	7	3,186.50	7	2,828.42	7	2,470.34	7	2,112.26	7	1,754.18	7	1,396.10	7	1,038.02	7	679.94	7	326.19	7	* 15.36	
1/4	1/4	4,969.44	1/4	4,611.36	1/4	4,253.28	1/4	3,895.20	1/4	3,537.12	1/4	3,179.04	1/4	2,820.96	1/4	2,462.88	1/4	2,104.80	1/4	1,746.72	1/4	1,388.64	1/4	1,030.56	1/4	672.48	1/4	319.16	1/4		
1/2	1/2	4,961.98	1/2	4,603.90	1/2	4,245.82	1/2	3,887.74	1/2	3,529.66	1/2	3,171.58	1/2	2,813.50	1/2	2,455.42	1/2	2,097.34	1/2	1,739.26	1/2	1,381.18	1/2	1,023.10	1/2	665.02	1/2	312.13	1/2		
3/4	3/4	4,954.52	3/4	4,596.44	3/4	4,238.36	3/4	3,880.28	3/4	3,522.20	3/4	3,164.12	3/4	2,806.04	3/4	2,447.96	3/4	2,089.88	3/4	1,731.80	3/4	1,373.72	3/4	1,015.64	3/4	657.56	3/4	305.10	3/4		
8	8	4,947.06	8	4,588.98	8	4,230.90	8	3,872.82	8	3,514.74	8	3,156.66	8	2,798.58	8	2,440.50	8	2,082.42	8	1,724.34	8	1,366.26	8	1,008.18	8	650.10	8	298.07	8		
1/4	1/4	4,939.60	1/4	4,581.52	1/4	4,223.44	1/4	3,865.36	1/4	3,507.28	1/4	3,149.20	1/4	2,791.12	1/4	2,433.04	1/4	2,074.96	1/4	1,716.88	1/4	1,358.80	1/4	1,000.72	1/4	642.64	1/4	291.04	1/4		
1/2	1/2	4,932.14	1/2	4,574.06	1/2	4,215.98	1/2	3,857.90	1/2	3,499.82	1/2	3,141.74	1/2	2,783.66	1/2	2,425.58	1/2	2,067.50	1/2	1,709.42	1/2	1,351.34	1/2	993.26	1/2	635.18	1/2	284.01	1/2		
3/4	3/4	4,924.68	3/4	4,566.60	3/4	4,208.52	3/4	3,850.44	3/4	3,492.36	3/4	3,134.28	3/4	2,775.20	3/4	2,418.12	3/4	2,060.04	3/4	1,701.96	3/4	1,343.88	3/4	985.80	3/4	627.72	3/4	276.97	3/4		
9	9	4,917.22	9	4,559.14	9	4,201.06	9	3,842.98	9	3,484.90	9	3,126.82	9	2,768.74	9	2,410.66	9	2,052.58	9	1,694.50	9	1,336.42	9	978.34	9	620.26	9	269.94	9		
1/4	1/4	4,909.76	1/4	4,551.68	1/4	4,193.60	1/4	3,835.52	1/4	3,477.44	1/4																				



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OUTAGE TABLE

2 PORT

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

HULL NO. 2169-1

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.	
0	0	5,156.22	0	4,879.53	0	4,519.77	0	4,160.01	0	3,800.25	0	3,440.49	0	3,080.73	0	2,720.97	0	2,361.21	0	2,001.45	0	1,641.69	0	1,281.93	0	922.17	0	562.41	0	202.65	
1/4	1/4	5,155.59	1/4	4,872.03	1/4	4,512.27	1/4	4,152.51	1/4	3,792.75	1/4	3,432.99	1/4	3,073.23	1/4	2,713.47	1/4	2,353.71	1/4	1,993.95	1/4	1,634.19	1/4	1,274.43	1/4	914.67	1/4	554.91	1/4	195.15	
1/2	1/2	5,154.97	1/2	4,864.54	1/2	4,504.78	1/2	4,145.02	1/2	3,785.26	1/2	3,425.50	1/2	3,065.74	1/2	2,705.98	1/2	2,346.22	1/2	1,986.46	1/2	1,626.70	1/2	1,266.94	1/2	907.18	1/2	547.42	1/2	187.66	
3/4	3/4	5,154.34	3/4	4,857.04	3/4	4,497.28	3/4	4,137.52	3/4	3,777.76	3/4	3,418.00	3/4	3,058.24	3/4	2,698.48	3/4	2,338.72	3/4	1,978.96	3/4	1,619.20	3/4	1,259.44	3/4	899.68	3/4	539.92	3/4	180.16	
1	1	5,152.47	1	4,849.55	1	4,489.79	1	4,130.03	1	3,770.27	1	3,410.51	1	3,050.75	1	2,690.99	1	2,331.23	1	1,971.47	1	1,611.71	1	1,251.95	1	892.19	1	532.43	1	172.67	
1/4	1/4	5,150.59	1/4	4,842.05	1/4	4,482.29	1/4	4,122.53	1/4	3,762.77	1/4	3,403.01	1/4	3,043.25	1/4	2,683.49	1/4	2,323.73	1/4	1,963.97	1/4	1,604.21	1/4	1,244.45	1/4	884.69	1/4	524.93	1/4	165.17	
1/2	1/2	5,148.72	1/2	4,834.56	1/2	4,474.80	1/2	4,115.04	1/2	3,755.28	1/2	3,395.52	1/2	3,035.76	1/2	2,676.00	1/2	2,316.24	1/2	1,956.48	1/2	1,596.72	1/2	1,236.96	1/2	877.20	1/2	517.44	1/2	157.68	
3/4	3/4	5,146.84	3/4	4,827.06	3/4	4,467.30	3/4	4,107.54	3/4	3,747.78	3/4	3,388.02	3/4	3,028.26	3/4	2,668.50	3/4	2,308.74	3/4	1,948.98	3/4	1,589.22	3/4	1,229.46	3/4	869.70	3/4	509.94	3/4	150.18	
2	2	5,143.72	2	4,819.57	2	4,459.81	2	4,100.05	2	3,740.29	2	3,380.53	2	3,020.77	2	2,661.01	2	2,301.25	2	1,941.49	2	1,581.73	2	1,221.97	2	862.21	2	502.45	2	142.69	
1/4	1/4	5,140.60	1/4	4,812.07	1/4	4,452.31	1/4	4,092.55	1/4	3,732.79	1/4	3,373.03	1/4	3,013.27	1/4	2,653.51	1/4	2,293.75	1/4	1,933.99	1/4	1,574.23	1/4	1,214.47	1/4	854.71	1/4	494.95	1/4	135.19	
1/2	1/2	5,137.48	1/2	4,804.58	1/2	4,444.82	1/2	4,085.06	1/2	3,725.30	1/2	3,365.54	1/2	3,005.78	1/2	2,646.02	1/2	2,286.26	1/2	1,926.50	1/2	1,566.74	1/2	1,206.98	1/2	847.22	1/2	487.46	1/2	127.70	
3/4	3/4	5,134.35	3/4	4,797.08	3/4	4,437.32	3/4	4,077.56	3/4	3,717.80	3/4	3,358.04	3/4	2,998.28	3/4	2,638.52	3/4	2,278.76	3/4	1,919.00	3/4	1,559.24	3/4	1,199.48	3/4	839.72	3/4	479.96	3/4	120.20	
3	3	5,129.98	3	4,789.59	3	4,429.83	3	4,070.07	3	3,710.31	3	3,350.55	3	2,990.79	3	2,631.03	3	2,271.27	3	1,911.51	3	1,551.75	3	1,191.99	3	832.23	3	472.47	3	112.71	
1/4	1/4	5,125.61	1/4	4,782.09	1/4	4,422.33	1/4	4,062.57	1/4	3,702.81	1/4	3,343.05	1/4	2,983.29	1/4	2,623.53	1/4	2,263.77	1/4	1,904.01	1/4	1,544.25	1/4	1,184.49	1/4	824.73	1/4	464.97	1/4	105.21	
1/2	1/2	5,121.24	1/2	4,774.60	1/2	4,414.84	1/2	4,055.08	1/2	3,695.32	1/2	3,335.56	1/2	2,975.80	1/2	2,616.04	1/2	2,256.28	1/2	1,896.52	1/2	1,536.76	1/2	1,177.00	1/2	817.24	1/2	457.48	1/2	97.72	
3/4	3/4	5,116.86	3/4	4,767.10	3/4	4,407.34	3/4	4,047.58	3/4	3,687.82	3/4	3,328.06	3/4	2,968.30	3/4	2,608.54	3/4	2,248.78	3/4	1,889.02	3/4	1,529.26	3/4	1,169.50	3/4	809.74	3/4	449.98	3/4	90.22	
4	4	5,111.24	4	4,759.61	4	4,399.85	4	4,040.09	4	3,680.33	4	3,320.57	4	2,960.81	4	2,601.05	4	2,241.29	4	1,881.53	4	1,521.77	4	1,162.01	4	802.25	4	442.49	4	82.73	
1/4	1/4	5,105.62	1/4	4,752.11	1/4	4,392.35	1/4	4,032.59	1/4	3,672.83	1/4	3,313.07	1/4	2,953.31	1/4	2,593.55	1/4	2,233.79	1/4	1,874.03	1/4	1,514.27	1/4	1,154.51	1/4	794.75	1/4	434.99	1/4	75.23	
1/2	1/2	5,100.00	1/2	4,744.62	1/2	4,384.86	1/2	4,025.10	1/2	3,665.34	1/2	3,305.58	1/2	2,945.82	1/2	2,586.06	1/2	2,226.30	1/2	1,866.54	1/2	1,506.78	1/2	1,147.02	1/2	787.26	1/2	427.50	1/2	67.74	
3/4	3/4	5,094.38	3/4	4,737.12	3/4	4,377.36	3/4	4,017.60	3/4	3,657.84	3/4	3,298.08	3/4	2,938.32	3/4	2,578.56	3/4	2,218.80	3/4	1,859.04	3/4	1,499.28	3/4	1,139.52	3/4	779.76	3/4	420.00	3/4	60.24	
5	5	5,087.51	5	4,729.63	5	4,369.87	5	4,010.11	5	3,650.35	5	3,290.59	5	2,930.83	5	2,571.07	5	2,211.31	5	1,851.55	5	1,491.79	5	1,132.03	5	772.27	5	412.51	5	53.68	
1/4	1/4	5,080.64	1/4	4,722.13	1/4	4,362.37	1/4	4,002.61	1/4	3,642.85	1/4	3,283.09	1/4	2,923.33	1/4	2,563.57	1/4	2,203.81	1/4	1,844.05	1/4	1,484.29	1/4	1,124.53	1/4	764.77	1/4	405.01	1/4	47.12	
1/2	1/2	5,073.77	1/2	4,714.64	1/2	4,354.88	1/2	3,995.12	1/2	3,635.36	1/2	3,275.60	1/2	2,915.84	1/2	2,556.08	1/2	2,196.32	1/2	1,836.56	1/2	1,476.80	1/2	1,117.04	1/2	757.28	1/2	397.52	1/2	40.57	
3/4	3/4	5,066.90	3/4	4,707.14	3/4	4,347.38	3/4	3,987.62	3/4	3,627.86	3/4	3,268.10	3/4	2,908.34	3/4	2,548.58	3/4	2,188.82	3/4	1,829.06	3/4	1,469.30	3/4	1,109.54	3/4	749.78	3/4	390.02	3/4	34.01	
6	6	5,059.41	6	4,699.65	6	4,339.89	6	3,980.13	6	3,620.37	6	3,260.61	6	2,900.85	6	2,541.09	6	2,181.33	6	1,821.57	6	1,461.81	6	1,102.05	6	742.29	6	382.53	6	29.32	
1/4	1/4	5,051.91	1/4	4,692.15	1/4	4,332.39	1/4	3,972.63	1/4	3,612.87	1/4	3,253.11	1/4	2,893.35	1/4	2,533.59	1/4	2,173.83	1/4	1,814.07	1/4	1,454.31	1/4	1,094.55	1/4	734.79	1/4	375.03	1/4	24.64	
1/2	1/2	5,044.42	1/2	4,684.66	1/2	4,324.90	1/2	3,965.14	1/2	3,605.38	1/2	3,245.62	1/2	2,885.86	1/2	2,526.10	1/2	2,166.34	1/2	1,806.58	1/2	1,446.82	1/2	1,087.06	1/2	727.30	1/2	367.54	1/2	19.96	
3/4	3/4	5,036.92	3/4	4,677.16	3/4	4,317.40	3/4	3,957.64	3/4	3,597.88	3/4	3,238.12	3/4	2,876.36	3/4	2,518.60	3/4	2,158.84	3/4	1,799.08	3/4	1,439.32	3/4	1,079.56	3/4	719.80	3/4	360.04	3/4	15.27	
7	7	5,029.43	7	4,669.67	7	4,309.91	7	3,950.15	7	3,590.39	7	3,230.63	7	2,870.87	7	2,511.11	7	2,151.35	7	1,791.59	7	1,431.83	7	1,072.07	7	712.31	7	352.55	7		
1/4	1/4	5,021.93	1/4	4,662.17	1/4	4,302.41	1/4	3,942.65	1/4	3,582.89	1/4	3,223.13	1/4	2,863.37	1/4	2,503.61	1/4	2,143.85	1/4	1,784.09	1/4	1,424.33	1/4	1,064.57	1/4	704.81	1/4	345.05	1/4		
1/2	1/2	5,014.44	1/2	4,654.68	1/2	4,294.92	1/2	3,935.16	1/2	3,575.40	1/2	3,215.64	1/2	2,855.88	1/2	2,496.12	1/2	2,136.36	1/2	1,776.60	1/2	1,416.84	1/2	1,057.08	1/2	697.32	1/2	337.56	1/2		
3/4	3/4	5,006.94	3/4	4,647.18	3/4	4,287.42	3/4	3,927.66	3/4	3,567.90	3/4	3,208.14	3/4	2,848.38	3/4	2,488.62	3/4	2,128.86	3/4	1,769.10	3/4	1,409.34	3/4	1,049.58	3/4	689.82	3/4	330.06	3/4		
8	8	4,999.45	8	4,639.69	8	4,279.93	8	3,920.17	8	3,560.41	8	3,200.65	8	2,840.89	8	2,481.13	8	2,121.37	8	1,761.61	8	1,401.85	8	1,042.09	8	682.33	8	322.57	8		
1/4	1/4	4,991.95	1/4	4,632.19	1/4	4,272.43	1/4	3,912.67	1/4	3,552.91	1/4	3,193.15	1/4	2,833.39	1/4	2,473.63	1/4	2,113.87	1/4	1,751.11	1/4	1,394.35	1/4	1,034.59	1/4	674.83	1/4	315.07	1/4		
1/2	1/2	4,984.46	1/2	4,624.70	1/2	4,264.94	1/2	3,905.18	1/2	3,545.42	1/2	3,185.66	1/2	2,825.90	1/2	2,466.14	1/2	2,106.38	1/2	1,746.62	1/2	1,386.86	1/2	1,027.10	1/2	667.34	1/2	307.58	1/2		
3/4	3/4	4,976.96	3/4	4,617.20	3/4	4,257.44	3/4	3,897.68	3/4	3,537.92	3/4	3,178.16	3/4	2,818.40	3/4	2,458.64	3/4	2,098.88	3/4	1,739.12	3/4	1,379.36	3/4	1,019.60	3/4	659.84	3/4	300.08	3/4		
9	9	4,969.47	9	4,609.71	9	4,249.95	9	3,890.19	9	3,530.43	9	3,170.67	9	2,810.91	9	2,451.15	9	2,091.39	9	1,731.63	9	1,371.87	9	1,012.11	9	652.35	9	292.59	9		
1/4	1/4	4,961.97	1/4	4,602.21	1/4	4,242.45	1/4	3,882.69	1/4	3,522.93																					



BARGE "MPC-628" MARATHON PETROLEUM CORP.

OUTAGE TABLE

2 STAR

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

HULL NO. 2169-1

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.			
IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
0	5,155.59	0	4,872.03	0	4,512.27	0	4,152.51	0	3,792.75	0	3,432.99	0	3,073.23	0	2,713.47	0	2,353.71	0	1,993.95	0	1,634.19	0	1,274.43	0	914.67	0	554.91	0	195.15	0		0	
1/4	5,154.97	1/4	4,864.54	1/4	4,504.78	1/4	4,145.02	1/4	3,785.26	1/4	3,425.50	1/4	3,065.74	1/4	2,705.98	1/4	2,346.22	1/4	1,986.46	1/4	1,626.70	1/4	1,266.94	1/4	907.18	1/4	547.42	1/4	187.66	1/4		1/4	
1/2	5,154.34	1/2	4,857.04	1/2	4,497.28	1/2	4,137.52	1/2	3,777.76	1/2	3,418.00	1/2	3,058.24	1/2	2,698.48	1/2	2,338.72	1/2	1,978.96	1/2	1,619.20	1/2	1,259.44	1/2	899.68	1/2	539.92	1/2	180.16	1/2		1/2	
3/4	5,152.47	3/4	4,849.55	3/4	4,489.79	3/4	4,130.03	3/4	3,770.27	3/4	3,410.51	3/4	3,050.75	3/4	2,690.99	3/4	2,331.23	3/4	1,971.47	3/4	1,611.71	3/4	1,251.95	3/4	892.19	3/4	532.43	3/4	172.67	3/4		3/4	
1	5,150.59	1	4,842.05	1	4,482.29	1	4,122.53	1	3,762.77	1	3,403.01	1	3,043.25	1	2,683.49	1	2,323.73	1	1,963.97	1	1,604.21	1	1,244.45	1	884.69	1	524.93	1	165.17	1		1	
1/4	5,148.72	1/4	4,834.56	1/4	4,474.80	1/4	4,115.04	1/4	3,755.28	1/4	3,395.52	1/4	3,035.76	1/4	2,673.00	1/4	2,313.24	1/4	1,953.48	1/4	1,593.72	1/4	1,233.96	1/4	875.20	1/4	517.44	1/4	157.68	1/4		1/4	
1/2	5,146.84	1/2	4,827.06	1/2	4,467.30	1/2	4,107.54	1/2	3,747.78	1/2	3,388.02	1/2	3,028.26	1/2	2,668.50	1/2	2,308.74	1/2	1,948.98	1/2	1,589.22	1/2	1,229.46	1/2	869.70	1/2	509.94	1/2	150.18	1/2		1/2	
3/4	5,143.72	3/4	4,819.57	3/4	4,459.81	3/4	4,100.05	3/4	3,740.29	3/4	3,380.53	3/4	3,020.77	3/4	2,661.01	3/4	2,301.25	3/4	1,941.49	3/4	1,581.73	3/4	1,221.97	3/4	862.21	3/4	502.45	3/4	142.69	3/4		3/4	
2	5,140.60	2	4,812.07	2	4,452.31	2	4,092.55	2	3,732.79	2	3,373.03	2	3,013.27	2	2,653.51	2	2,293.75	2	1,933.99	2	1,574.23	2	1,214.47	2	854.71	2	494.95	2	135.19	2		2	
1/4	5,137.48	1/4	4,804.58	1/4	4,444.82	1/4	4,085.06	1/4	3,723.30	1/4	3,363.54	1/4	3,003.78	1/4	2,644.02	1/4	2,284.26	1/4	1,924.50	1/4	1,564.74	1/4	1,205.28	1/4	847.22	1/4	487.46	1/4	127.70	1/4		1/4	
1/2	5,134.35	1/2	4,797.08	1/2	4,437.32	1/2	4,077.56	1/2	3,717.80	1/2	3,358.04	1/2	2,998.28	1/2	2,638.52	1/2	2,278.76	1/2	1,919.00	1/2	1,559.24	1/2	1,199.48	1/2	839.72	1/2	479.96	1/2	120.20	1/2		1/2	
3/4	5,129.98	3/4	4,789.59	3/4	4,429.83	3/4	4,070.07	3/4	3,710.31	3/4	3,350.55	3/4	2,990.79	3/4	2,631.03	3/4	2,271.27	3/4	1,911.51	3/4	1,551.75	3/4	1,191.99	3/4	832.23	3/4	472.47	3/4	112.71	3/4		3/4	
3	5,125.61	3	4,782.09	3	4,422.33	3	4,062.57	3	3,702.81	3	3,343.05	3	2,983.29	3	2,623.53	3	2,263.77	3	1,904.01	3	1,544.25	3	1,184.49	3	824.73	3	464.97	3	105.21	3		3	
1/4	5,121.24	1/4	4,774.60	1/4	4,414.84	1/4	4,055.08	1/4	3,695.32	1/4	3,335.56	1/4	2,975.80	1/4	2,616.04	1/4	2,256.28	1/4	1,896.52	1/4	1,536.76	1/4	1,177.00	1/4	817.24	1/4	457.48	1/4	97.72	1/4		1/4	
1/2	5,116.86	1/2	4,767.10	1/2	4,407.34	1/2	4,047.58	1/2	3,687.82	1/2	3,328.06	1/2	2,966.30	1/2	2,606.54	1/2	2,246.78	1/2	1,889.02	1/2	1,529.26	1/2	1,169.50	1/2	809.74	1/2	449.98	1/2	90.22	1/2		1/2	
3/4	5,111.24	3/4	4,759.61	3/4	4,399.85	3/4	4,040.09	3/4	3,680.33	3/4	3,320.57	3/4	2,960.81	3/4	2,601.05	3/4	2,241.29	3/4	1,881.53	3/4	1,521.77	3/4	1,162.01	3/4	802.25	3/4	442.49	3/4	82.73	3/4		3/4	
4	5,105.62	4	4,752.11	4	4,392.35	4	4,032.59	4	3,672.83	4	3,313.07	4	2,953.31	4	2,593.55	4	2,233.79	4	1,874.03	4	1,514.27	4	1,154.51	4	794.75	4	434.99	4	75.23	4		4	
1/4	5,100.00	1/4	4,744.62	1/4	4,384.86	1/4	4,025.10	1/4	3,663.34	1/4	3,303.58	1/4	2,943.82	1/4	2,584.06	1/4	2,224.30	1/4	1,865.54	1/4	1,506.78	1/4	1,147.02	1/4	787.26	1/4	427.50	1/4	67.74	1/4		1/4	
1/2	5,094.38	1/2	4,737.12	1/2	4,377.36	1/2	4,017.60	1/2	3,652.84	1/2	3,293.08	1/2	2,933.32	1/2	2,573.56	1/2	2,214.80	1/2	1,855.04	1/2	1,496.28	1/2	1,136.52	1/2	779.76	1/2	420.00	1/2	60.24	1/2		1/2	
3/4	5,087.51	3/4	4,729.63	3/4	4,369.87	3/4	4,010.11	3/4	3,638.06	3/4	3,278.30	3/4	2,918.54	3/4	2,558.78	3/4	2,200.26	3/4	1,841.74	3/4	1,482.22	3/4	1,122.70	3/4	772.27	3/4	412.51	3/4	53.68	3/4		3/4	
5	5,080.64	5	4,722.13	5	4,362.37	5	4,002.61	5	3,642.85	5	3,283.09	5	2,923.33	5	2,563.57	5	2,203.81	5	1,844.05	5	1,484.29	5	1,124.53	5	764.77	5	405.01	5	47.12	5		5	
1/4	5,073.77	1/4	4,714.84	1/4	4,354.88	1/4	3,995.12	1/4	3,635.36	1/4	3,275.60	1/4	2,915.84	1/4	2,556.08	1/4	2,196.32	1/4	1,836.56	1/4	1,476.80	1/4	1,117.04	1/4	757.28	1/4	397.52	1/4	40.57	1/4		1/4	
1/2	5,066.90	1/2	4,707.14	1/2	4,347.38	1/2	3,987.62	1/2	3,627.86	1/2	3,268.10	1/2	2,908.34	1/2	2,548.58	1/2	2,188.82	1/2	1,829.30	1/2	1,469.30	1/2	1,109.54	1/2	749.78	1/2	390.02	1/2	34.01	1/2		1/2	
3/4	5,059.41	3/4	4,699.65	3/4	4,339.89	3/4	3,980.13	3/4	3,620.37	3/4	3,260.61	3/4	2,900.85	3/4	2,541.09	3/4	2,181.33	3/4	1,821.57	3/4	1,461.81	3/4	1,102.05	3/4	742.29	3/4	382.53	3/4	29.32	3/4		3/4	
6	5,051.91	6	4,692.15	6	4,332.39	6	3,972.63	6	3,612.87	6	3,253.11	6	2,893.35	6	2,533.59	6	2,173.83	6	1,814.07	6	1,454.31	6	1,094.55	6	734.79	6	375.03	6	24.64	6		6	
1/4	5,044.42	1/4	4,684.66	1/4	4,324.90	1/4	3,965.14	1/4	3,605.38	1/4	3,245.62	1/4	2,885.86	1/4	2,526.10	1/4	2,166.34	1/4	1,806.58	1/4	1,446.82	1/4	1,087.06	1/4	727.30	1/4	367.54	1/4	19.96	1/4		1/4	
1/2	5,036.92	1/2	4,677.16	1/2	4,317.40	1/2	3,955.64	1/2	3,595.88	1/2	3,236.12	1/2	2,876.36	1/2	2,516.60	1/2	2,156.84	1/2	1,797.08	1/2	1,437.32	1/2	1,079.56	1/2	719.80	1/2	360.04	1/2	15.27	1/2		1/2	
3/4	5,029.43	3/4	4,669.67	3/4	4,309.91	3/4	3,950.15	3/4	3,590.39	3/4	3,230.63	3/4	2,870.87	3/4	2,511.11	3/4	2,151.35	3/4	1,791.59	3/4	1,431.83	3/4	1,072.07	3/4	712.31	3/4	352.55	3/4		3/4			
7	5,021.93	7	4,662.17	7	4,302.41	7	3,942.65	7	3,582.89	7	3,223.13	7	2,863.37	7	2,503.61	7	2,143.85	7	1,784.09	7	1,424.33	7	1,064.57	7	704.81	7	345.05	7		7			
1/4	5,014.44	1/4	4,654.68	1/4	4,294.92	1/4	3,935.16	1/4	3,575.40	1/4	3,215.64	1/4	2,855.88	1/4	2,496.12	1/4	2,136.36	1/4	1,776.60	1/4	1,416.84	1/4	1,057.08	1/4	697.32	1/4	337.56	1/4		1/4			
1/2	5,006.94	1/2	4,647.18	1/2	4,287.42	1/2	3,927.66	1/2	3,567.90	1/2	3,208.14	1/2	2,846.38	1/2	2,486.62	1/2	2,126.86	1/2	1,766.10	1/2	1,406.34	1/2	1,049.58	1/2	689.82	1/2	330.06	1/2		1/2			
3/4	4,999.45	3/4	4,639.69	3/4	4,279.93	3/4	3,920.17	3/4	3,560.41	3/4	3,200.65	3/4	2,840.89	3/4	2,481.13	3/4	2,121.37	3/4	1,761.61	3/4	1,401.85	3/4	1,042.09	3/4	682.33	3/4	322.57	3/4		3/4			
8	4,991.95	8	4,632.19	8	4,272.43	8	3,912.67	8	3,552.91	8	3,193.15	8	2,833.39	8	2,473.63	8	2,113.87	8	1,754.11	8	1,394.35	8	1,034.59	8	674.83	8	315.07	8		8			
1/4	4,984.46	1/4	4,624.70	1/4	4,264.94	1/4	3,905.18	1/4	3,545.42	1/4	3,185.66	1/4	2,825.90	1/4	2,4																		



BARGE "MPC-628" MARATHON PETROLEUM CORP.

OUTAGE TABLE

3 PORT

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

HULL NO. 2169-1

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.			
IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
0		0	4,732.29	0	4,520.43	0	4,250.23	0	3,980.04	0	3,707.04	0	3,426.47	0	3,067.38	0	2,708.29	0	2,349.20	0	1,990.11	0	1,631.03	0	1,271.94	0	912.85	0	553.76	0	194.67		
1/4	1/4	1/4	4,731.92	1/4	4,514.80	1/4	4,244.61	1/4	3,974.41	1/4	3,701.31	1/4	3,418.99	1/4	3,059.90	1/4	2,700.81	1/4	2,341.72	1/4	1,982.63	1/4	1,623.54	1/4	1,264.46	1/4	905.37	1/4	546.28	1/4	187.19		
1/2	1/2	1/2	4,731.55	1/2	4,509.17	1/2	4,238.98	1/2	3,968.78	1/2	3,695.57	1/2	3,411.50	1/2	3,052.42	1/2	2,693.33	1/2	2,334.24	1/2	1,975.15	1/2	1,616.06	1/2	1,256.98	1/2	897.89	1/2	538.80	1/2	179.71		
3/4	3/4	3/4	4,730.22	3/4	4,503.54	3/4	4,233.35	3/4	3,963.16	3/4	3,689.83	3/4	3,404.02	3/4	3,044.94	3/4	2,685.85	3/4	2,326.76	3/4	1,967.67	3/4	1,608.58	3/4	1,249.49	3/4	890.41	3/4	531.32	3/4	172.23		
1	1	1	4,728.90	1	4,497.91	1	4,227.72	1	3,957.53	1	3,684.09	1	3,396.54	1	3,037.45	1	2,678.37	1	2,319.28	1	1,960.19	1	1,601.10	1	1,242.01	1	882.93	1	523.84	1	164.75		
1/4	1/4	1/4	4,727.57	1/4	4,492.28	1/4	4,222.09	1/4	3,951.90	1/4	3,678.36	1/4	3,389.06	1/4	3,029.97	1/4	2,670.88	1/4	2,311.80	1/4	1,952.71	1/4	1,593.62	1/4	1,234.53	1/4	875.44	1/4	516.36	1/4	157.27		
1/2	1/2	1/2	4,726.24	1/2	4,486.65	1/2	4,216.46	1/2	3,946.27	1/2	3,672.62	1/2	3,381.58	1/2	3,022.49	1/2	2,663.40	1/2	2,304.32	1/2	1,945.23	1/2	1,586.14	1/2	1,227.05	1/2	867.96	1/2	508.88	1/2	149.79		
3/4	3/4	3/4	4,723.96	3/4	4,481.02	3/4	4,210.83	3/4	3,940.64	3/4	3,666.88	3/4	3,374.10	3/4	3,015.01	3/4	2,655.92	3/4	2,296.83	3/4	1,937.75	3/4	1,578.66	3/4	1,219.57	3/4	860.48	3/4	501.39	3/4	142.31		
2	2	2	4,721.68	2	4,475.39	2	4,205.20	2	3,935.01	2	3,661.15	2	3,366.62	2	3,007.53	2	2,648.44	2	2,289.35	2	1,930.27	2	1,571.18	2	1,212.09	2	853.00	2	493.91	2	134.83		
1/4	1/4	1/4	4,719.40	1/4	4,469.77	1/4	4,199.57	1/4	3,929.38	1/4	3,655.41	1/4	3,359.14	1/4	3,000.05	1/4	2,640.96	1/4	2,281.87	1/4	1,922.78	1/4	1,563.70	1/4	1,204.61	1/4	845.52	1/4	486.43	1/4	127.34		
1/2	1/2	1/2	4,717.12	1/2	4,464.14	1/2	4,193.94	1/2	3,923.75	1/2	3,649.67	1/2	3,351.66	1/2	2,992.57	1/2	2,633.48	1/2	2,274.39	1/2	1,915.30	1/2	1,556.22	1/2	1,197.13	1/2	838.04	1/2	478.95	1/2	119.86		
3/4	3/4	3/4	4,713.88	3/4	4,458.51	3/4	4,188.32	3/4	3,918.12	3/4	3,643.94	3/4	3,344.18	3/4	2,985.09	3/4	2,626.00	3/4	2,267.91	3/4	1,907.82	3/4	1,548.73	3/4	1,189.65	3/4	830.56	3/4	471.47	3/4	112.38		
3	3	3	4,710.64	3	4,452.88	3	4,182.69	3	3,912.49	3	3,638.20	3	3,336.69	3	2,977.61	3	2,618.52	3	2,259.43	3	1,900.34	3	1,541.25	3	1,182.17	3	823.08	3	463.99	3	104.90		
1/4	1/4	1/4	4,707.40	1/4	4,447.25	1/4	4,177.06	1/4	3,906.87	1/4	3,632.46	1/4	3,329.21	1/4	2,970.13	1/4	2,611.04	1/4	2,251.95	1/4	1,892.86	1/4	1,533.77	1/4	1,174.68	1/4	815.60	1/4	456.51	1/4	97.42		
1/2	1/2	1/2	4,704.16	1/2	4,441.62	1/2	4,171.43	1/2	3,901.24	1/2	3,626.72	1/2	3,321.73	1/2	2,962.64	1/2	2,603.56	1/2	2,242.87	1/2	1,885.38	1/2	1,526.29	1/2	1,167.20	1/2	808.12	1/2	449.03	1/2	89.94		
3/4	3/4	3/4	4,699.97	3/4	4,435.99	3/4	4,165.80	3/4	3,895.61	3/4	3,620.99	3/4	3,314.25	3/4	2,955.16	3/4	2,596.07	3/4	2,236.99	3/4	1,877.90	3/4	1,518.81	3/4	1,159.72	3/4	800.63	3/4	441.55	3/4	82.46		
4	4	4	4,695.77	4	4,430.36	4	4,160.17	4	3,889.98	4	3,615.25	4	3,306.77	4	2,947.68	4	2,588.59	4	2,229.51	4	1,870.42	4	1,511.33	4	1,152.24	4	793.15	4	434.07	4	74.98		
1/4	1/4	1/4	4,691.58	1/4	4,424.73	1/4	4,154.54	1/4	3,884.35	1/4	3,609.51	1/4	3,299.29	1/4	2,940.20	1/4	2,581.11	1/4	2,222.02	1/4	1,862.94	1/4	1,503.85	1/4	1,144.76	1/4	785.67	1/4	426.58	1/4	67.50		
1/2	1/2	1/2	4,687.38	1/2	4,419.10	1/2	4,148.91	1/2	3,878.72	1/2	3,603.78	1/2	3,291.81	1/2	2,932.72	1/2	2,573.63	1/2	2,214.54	1/2	1,855.46	1/2	1,496.37	1/2	1,137.28	1/2	778.19	1/2	419.10	1/2	60.02		
3/4	3/4	3/4	4,682.23	3/4	4,413.48	3/4	4,143.28	3/4	3,873.09	3/4	3,598.04	3/4	3,284.33	3/4	2,925.24	3/4	2,566.15	3/4	2,207.06	3/4	1,847.97	3/4	1,488.89	3/4	1,129.80	3/4	770.71	3/4	411.62	3/4	53.48		
5	5	5	4,677.08	5	4,407.85	5	4,137.65	5	3,867.46	5	3,592.30	5	3,276.85	5	2,917.76	5	2,558.67	5	2,199.58	5	1,840.49	5	1,481.41	5	1,122.32	5	763.23	5	404.14	5	46.95		
1/4	1/4	1/4	4,671.93	1/4	4,402.22	1/4	4,132.03	1/4	3,861.83	1/4	3,586.57	1/4	3,269.37	1/4	2,910.28	1/4	2,551.19	1/4	2,192.10	1/4	1,833.01	1/4	1,473.92	1/4	1,114.84	1/4	755.75	1/4	396.66	1/4	40.41		
1/2	1/2	1/2	4,666.78	1/2	4,396.59	1/2	4,126.40	1/2	3,856.20	1/2	3,580.83	1/2	3,261.88	1/2	2,902.80	1/2	2,543.71	1/2	2,184.62	1/2	1,825.53	1/2	1,466.44	1/2	1,107.36	1/2	748.27	1/2	389.18	1/2	33.88		
3/4	3/4	3/4	4,661.15	3/4	4,390.96	3/4	4,120.77	3/4	3,850.47	3/4	3,575.09	3/4	3,254.40	3/4	2,895.32	3/4	2,536.23	3/4	2,177.14	3/4	1,818.05	3/4	1,458.96	3/4	1,099.87	3/4	740.79	3/4	381.70	3/4	29.21		
6	6	6	4,655.52	6	4,385.33	6	4,115.14	6	3,844.73	6	3,569.35	6	3,246.92	6	2,887.83	6	2,528.75	6	2,169.66	6	1,810.57	6	1,451.48	6	1,092.39	6	733.31	6	374.22	6	24.55		
1/4	1/4	1/4	4,649.89	1/4	4,379.70	1/4	4,109.51	1/4	3,838.99	1/4	3,563.58	1/4	3,239.44	1/4	2,880.35	1/4	2,521.26	1/4	2,162.18	1/4	1,803.09	1/4	1,444.00	1/4	1,084.91	1/4	725.82	1/4	366.74	1/4	19.88		
1/2	1/2	1/2	4,644.26	1/2	4,374.07	1/2	4,103.88	1/2	3,833.26	1/2	3,557.81	1/2	3,231.96	1/2	2,872.87	1/2	2,513.78	1/2	2,154.70	1/2	1,795.61	1/2	1,436.52	1/2	1,077.43	1/2	718.34	1/2	359.26	1/2	15.21		
3/4	3/4	3/4	4,638.64	3/4	4,368.44	3/4	4,098.25	3/4	3,827.52	3/4	3,552.04	3/4	3,224.48	3/4	2,865.39	3/4	2,506.30	3/4	2,147.21	3/4	1,788.13	3/4	1,429.04	3/4	1,069.95	3/4	710.86	3/4	351.77	3/4			
7	7	7	4,633.01	7	4,362.81	7	4,092.62	7	3,821.78	7	3,546.26	7	3,217.00	7	2,857.91	7	2,498.82	7	2,139.73	7	1,780.65	7	1,421.56	7	1,062.47	7	703.38	7	344.29	7			
1/4	1/4	1/4	4,627.38	1/4	4,357.19	1/4	4,086.99	1/4	3,816.05	1/4	3,540.42	1/4	3,209.52	1/4	2,850.43	1/4	2,491.34	1/4	2,132.25	1/4	1,773.16	1/4	1,414.08	1/4	1,054.99	1/4	695.90	1/4	336.81	1/4			
1/2	1/2	1/2	4,621.75	1/2	4,351.56	1/2	4,081.36	1/2	3,810.31	1/2	3,534.57	1/2	3,202.04	1/2	2,842.95	1/2	2,483.86	1/2	2,124.77	1/2	1,765.68	1/2	1,406.60	1/2	1,047.51	1/2	688.42	1/2	329.33	1/2			
3/4	3/4	3/4	4,616.12	3/4	4,345.93	3/4	4,075.74	3/4	3,804.57	3/4	3,528.73	3/4	3,194.56	3/4	2,835.47	3/4	2,476.38	3/4	2,117.29	3/4	1,758.20	3/4	1,399.11	3/4	1,040.03	3/4	680.94	3/4	321.85	3/4			
8	8	8	4,610.49	8	4,340.30	8	4,070.11	8	3,798.83	8	3,522.88	8	3,187.07	8	2,827.99	8	2,468.90	8	2,109.81	8	1,750.72	8	1,391.63	8	1,032.55	8	673.46	8	314.37	8			
1/4	1/4	1/4	4,604.86	1/4	4,334.67	1/4	4,064.48	1/4	3,793.10	1/4	3,516.96	1/4	3,179.59	1/4	2,820.50	1/4	2,461.42	1/4	2,102.33	1/4	1,743.24	1/4	1,384.15	1/4	1,025.06	1/4	665.98	1/4	306.89	1/4			
1/2	1/2	1/2	4,599.23	1/2	4,329.04																												



BARGE "MPC-628" MARATHON PETROLEUM CORP.

OUTAGE TABLE

3 STAR

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

HULL NO. 2169-1

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.			
IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
0	0	4,733.03	0	4,531.68	0	4,261.49	0	3,991.30	0	3,718.52	0	3,438.73	0	3,082.34	0	2,723.25	0	2,364.16	0	2,005.08	0	1,645.99	0	1,286.90	0	927.81	0	568.72	0	209.64			
1/4	1/4	4,732.66	1/4	4,526.06	1/4	4,255.86	1/4	3,985.67	1/4	3,712.78	1/4	3,432.60	1/4	3,074.86	1/4	2,715.77	1/4	2,356.68	1/4	1,997.59	1/4	1,638.51	1/4	1,279.42	1/4	920.33	1/4	561.24	1/4	202.15			
1/2	1/2	4,732.29	1/2	4,520.43	1/2	4,250.23	1/2	3,980.04	1/2	3,707.04	1/2	3,426.47	1/2	3,067.38	1/2	2,708.29	1/2	2,349.20	1/2	1,990.11	1/2	1,631.03	1/2	1,271.94	1/2	912.85	1/2	553.76	1/2	194.67			
3/4	3/4	4,731.92	3/4	4,514.80	3/4	4,244.61	3/4	3,974.41	3/4	3,701.31	3/4	3,418.99	3/4	3,059.90	3/4	2,700.81	3/4	2,341.72	3/4	1,982.63	3/4	1,623.54	3/4	1,264.46	3/4	905.37	3/4	546.28	3/4	187.19			
1	1	4,731.55	1	4,509.17	1	4,238.98	1	3,968.78	1	3,695.57	1	3,411.50	1	3,052.42	1	2,693.33	1	2,334.24	1	1,975.15	1	1,616.06	1	1,256.98	1	897.89	1	538.80	1	179.71			
1/4	1/4	4,730.22	1/4	4,503.54	1/4	4,233.35	1/4	3,963.16	1/4	3,689.83	1/4	3,404.02	1/4	3,044.94	1/4	2,685.85	1/4	2,326.76	1/4	1,967.67	1/4	1,608.58	1/4	1,249.49	1/4	890.41	1/4	531.32	1/4	172.23			
1/2	1/2	4,728.90	1/2	4,497.91	1/2	4,227.72	1/2	3,957.53	1/2	3,684.09	1/2	3,396.54	1/2	3,037.45	1/2	2,678.37	1/2	2,319.28	1/2	1,960.19	1/2	1,601.10	1/2	1,242.01	1/2	882.93	1/2	523.84	1/2	164.75			
3/4	3/4	4,727.57	3/4	4,492.28	3/4	4,222.09	3/4	3,951.90	3/4	3,678.36	3/4	3,389.06	3/4	3,029.97	3/4	2,670.88	3/4	2,311.80	3/4	1,952.71	3/4	1,593.62	3/4	1,234.53	3/4	875.44	3/4	516.36	3/4	157.27			
2	2	4,726.24	2	4,486.65	2	4,216.46	2	3,946.27	2	3,672.62	2	3,381.58	2	3,022.49	2	2,663.40	2	2,304.32	2	1,945.23	2	1,586.14	2	1,227.05	2	867.96	2	508.88	2	149.79			
1/4	1/4	4,723.96	1/4	4,481.02	1/4	4,210.83	1/4	3,940.64	1/4	3,668.88	1/4	3,374.10	1/4	3,015.01	1/4	2,655.92	1/4	2,296.83	1/4	1,937.75	1/4	1,578.66	1/4	1,219.57	1/4	860.48	1/4	501.39	1/4	142.31			
1/2	1/2	4,721.68	1/2	4,475.39	1/2	4,205.20	1/2	3,935.01	1/2	3,661.15	1/2	3,366.62	1/2	3,007.53	1/2	2,648.44	1/2	2,289.35	1/2	1,930.27	1/2	1,571.18	1/2	1,212.09	1/2	853.00	1/2	493.91	1/2	134.83			
3/4	3/4	4,719.40	3/4	4,469.77	3/4	4,199.57	3/4	3,929.38	3/4	3,655.41	3/4	3,359.14	3/4	3,000.05	3/4	2,640.96	3/4	2,281.87	3/4	1,922.78	3/4	1,563.70	3/4	1,204.61	3/4	845.52	3/4	486.43	3/4	127.34			
3	3	4,717.12	3	4,464.14	3	4,193.94	3	3,923.75	3	3,649.67	3	3,351.66	3	2,992.57	3	2,633.48	3	2,274.39	3	1,915.30	3	1,556.22	3	1,197.13	3	838.04	3	478.95	3	119.86			
1/4	1/4	4,713.88	1/4	4,458.51	1/4	4,188.32	1/4	3,918.12	1/4	3,643.94	1/4	3,344.18	1/4	2,985.09	1/4	2,626.00	1/4	2,266.91	1/4	1,907.82	1/4	1,548.73	1/4	1,189.65	1/4	830.56	1/4	471.47	1/4	112.38			
1/2	1/2	4,710.64	1/2	4,452.88	1/2	4,182.69	1/2	3,912.49	1/2	3,638.20	1/2	3,336.69	1/2	2,977.61	1/2	2,618.52	1/2	2,259.43	1/2	1,900.34	1/2	1,541.25	1/2	1,182.17	1/2	823.08	1/2	463.99	1/2	104.90			
3/4	3/4	4,707.40	3/4	4,447.25	3/4	4,177.06	3/4	3,906.87	3/4	3,632.46	3/4	3,329.21	3/4	2,970.13	3/4	2,611.04	3/4	2,251.95	3/4	1,892.86	3/4	1,533.77	3/4	1,174.68	3/4	815.60	3/4	456.51	3/4	97.42			
4	4	4,704.16	4	4,441.62	4	4,171.43	4	3,901.24	4	3,626.72	4	3,321.73	4	2,962.64	4	2,603.56	4	2,244.47	4	1,885.38	4	1,526.29	4	1,167.20	4	808.12	4	449.03	4	89.94			
1/4	1/4	4,699.97	1/4	4,435.99	1/4	4,165.80	1/4	3,895.61	1/4	3,620.99	1/4	3,314.25	1/4	2,955.16	1/4	2,596.07	1/4	2,236.99	1/4	1,877.90	1/4	1,518.81	1/4	1,159.72	1/4	800.63	1/4	441.55	1/4	82.46			
1/2	1/2	4,695.77	1/2	4,430.36	1/2	4,160.17	1/2	3,889.98	1/2	3,615.25	1/2	3,306.77	1/2	2,947.68	1/2	2,588.59	1/2	2,229.51	1/2	1,870.42	1/2	1,511.33	1/2	1,152.24	1/2	793.15	1/2	434.07	1/2	74.98			
3/4	3/4	4,691.58	3/4	4,424.73	3/4	4,154.54	3/4	3,884.35	3/4	3,609.61	3/4	3,299.29	3/4	2,940.20	3/4	2,581.11	3/4	2,222.02	3/4	1,862.94	3/4	1,503.85	3/4	1,144.76	3/4	785.67	3/4	426.58	3/4	67.50			
5	5	4,687.38	5	4,419.10	5	4,148.91	5	3,878.72	5	3,603.78	5	3,291.81	5	2,932.72	5	2,573.63	5	2,214.54	5	1,855.46	5	1,496.37	5	1,137.28	5	778.19	5	419.10	5	60.02			
1/4	1/4	4,682.23	1/4	4,413.48	1/4	4,143.28	1/4	3,873.09	1/4	3,598.04	1/4	3,284.33	1/4	2,925.24	1/4	2,566.15	1/4	2,207.06	1/4	1,847.97	1/4	1,488.89	1/4	1,129.80	1/4	770.71	1/4	411.62	1/4	53.48			
1/2	1/2	4,677.08	1/2	4,407.85	1/2	4,137.65	1/2	3,867.46	1/2	3,592.30	1/2	3,276.85	1/2	2,917.76	1/2	2,558.67	1/2	2,199.58	1/2	1,840.49	1/2	1,481.41	1/2	1,122.32	1/2	763.23	1/2	404.14	1/2	46.95			
3/4	3/4	4,671.93	3/4	4,402.22	3/4	4,132.03	3/4	3,861.83	3/4	3,586.57	3/4	3,269.37	3/4	2,910.28	3/4	2,551.19	3/4	2,192.10	3/4	1,833.01	3/4	1,473.92	3/4	1,114.84	3/4	755.75	3/4	396.66	3/4	40.41			
6	6	4,666.78	6	4,396.59	6	4,126.40	6	3,856.20	6	3,580.83	6	3,261.88	6	2,902.80	6	2,543.71	6	2,184.62	6	1,825.53	6	1,466.44	6	1,107.36	6	748.27	6	389.18	6	33.88			
1/4	1/4	4,661.15	1/4	4,390.96	1/4	4,120.77	1/4	3,850.47	1/4	3,575.09	1/4	3,254.40	1/4	2,895.32	1/4	2,536.23	1/4	2,177.14	1/4	1,818.05	1/4	1,458.96	1/4	1,099.87	1/4	740.79	1/4	381.70	1/4	29.21			
1/2	1/2	4,655.52	1/2	4,385.33	1/2	4,115.14	1/2	3,844.73	1/2	3,569.35	1/2	3,246.92	1/2	2,887.83	1/2	2,528.75	1/2	2,169.66	1/2	1,810.57	1/2	1,451.48	1/2	1,092.39	1/2	733.31	1/2	374.22	1/2	24.55			
3/4	3/4	4,649.89	3/4	4,379.70	3/4	4,109.51	3/4	3,838.99	3/4	3,563.58	3/4	3,239.44	3/4	2,880.35	3/4	2,521.26	3/4	2,162.18	3/4	1,803.09	3/4	1,444.00	3/4	1,084.91	3/4	725.82	3/4	366.74	3/4	19.88			
7	7	4,644.26	7	4,374.07	7	4,103.88	7	3,833.26	7	3,557.81	7	3,231.96	7	2,872.87	7	2,513.78	7	2,154.70	7	1,795.61	7	1,436.52	7	1,077.43	7	718.34	7	359.26	7	* 15.21			
1/4	1/4	4,638.64	1/4	4,368.44	1/4	4,098.25	1/4	3,827.52	1/4	3,552.04	1/4	3,224.48	1/4	2,865.39	1/4	2,506.30	1/4	2,147.21	1/4	1,788.13	1/4	1,429.04	1/4	1,069.95	1/4	710.86	1/4	351.77	1/4				
1/2	1/2	4,633.01	1/2	4,362.81	1/2	4,092.62	1/2	3,821.78	1/2	3,546.26	1/2	3,217.00	1/2	2,857.91	1/2	2,498.82	1/2	2,139.73	1/2	1,780.65	1/2	1,421.56	1/2	1,062.47	1/2	703.38	1/2	344.29	1/2				
3/4	3/4	4,627.38	3/4	4,357.19	3/4	4,086.99	3/4	3,816.05	3/4	3,540.42	3/4	3,209.52	3/4	2,850.43	3/4	2,491.34	3/4	2,132.25	3/4	1,773.16	3/4	1,414.08	3/4	1,054.99	3/4	695.90	3/4	336.81	3/4				
8	8	4,621.75	8	4,351.56	8	4,081.36	8	3,810.31	8	3,534.57	8	3,202.04	8	2,842.95	8	2,483.86	8	2,124.77	8	1,765.68	8	1,406.60	8	1,047.51	8	688.42	8	329.33	8				
1/4	1/4	4,616.12	1/4	4,345.93	1/4	4,075.74	1/4	3,804.57	1/4	3,528.73	1/4	3,194.56	1/4	2,835.47	1/4	2,476.38	1/4	2,117.29	1/4	1,758.20	1/4	1,399.11	1/4	1,040.03	1/4	680.94	1/4	321.85	1/4				
1/2	1/2	4,610.49	1/2	4,340.30	1/2	4,070.11	1/2	3,798.83	1/2	3,522.88	1/2	3,187.07	1/2	2,827.99	1/2	2,468.90	1/2	2,109.81	1/2	1,750.72	1/2	1,391.63	1/2	1,032.55	1/2	673.46	1/2	314.37	1/2				
3/4	3/4	4,604.86	3/4	4,334.67	3/4	4,064.48	3/4	3,793.10	3/4	3,516.96	3/4	3,179.59	3/4	2,820.50	3/4	2,461.42	3/4	2,102.33	3/4	1,743.24	3/4	1,384.15	3/4	1,025.06	3/4	665.98	3/4	306.89	3/4				
9	9	4,599.23	9	4,329.04	9	4,058.85	9	3,787.36	9	3,511.05	9	3,172.11	9	2,813.02	9	2,453.94	9	2,094.8															



BARGE "MPC-628"

MARATHON PETROLEUM CORP.

HULL NO. 2169-1

CORRECTION TABLE FOR TRIM AFT.

FOR OUTGAGE GAUGES ONLY

TRIM	TANKS NO. 1 PORT OR STAR.	TANKS NO. 2 PORT OR STAR.	TANKS NO. 3 PORT OR STAR.
0'-6"	(+) 0' - 0 1/8"	(+) 0' - 0 1/8"	NIL
1'-0"	(+) 0' - 0 1/4"	(+) 0' - 0 1/4"	NIL
1'-6"	(+) 0' - 0 3/8"	(+) 0' - 0 1/2"	NIL
2'-0"	(+) 0' - 0 5/8"	(+) 0' - 0 5/8"	NIL
2'-6"	(+) 0' - 0 3/4"	(+) 0' - 0 3/4"	NIL
3'-0"	(+) 0' - 0 7/8"	(+) 0' - 0 7/8"	NIL
3'-6"	(+) 0' - 1"	(+) 0' - 1"	NIL
4'-0"	(+) 0' - 1 1/8"	(+) 0' - 1 1/4"	NIL
4'-6"	(+) 0' - 1 3/8"	(+) 0' - 1 3/8"	NIL
5'-0"	(+) 0' - 1 1/2"	(+) 0' - 1 1/2"	NIL

NOTE: FOR TRIM FWD., REVERSE SIGNS.

NOTE: IF LIQUID SURFACE TOUCHES TANK BOTTOM OR DECK WHEN GAUGED, TRIM CORRECTIONS ARE NOT ACCURATE.

NOTE: FOR "INNAGE" GAUGES, REVERSE SIGNS.

DATE: 3/6/08

BY:

INSPECTORATE AMERICA CORPORATION